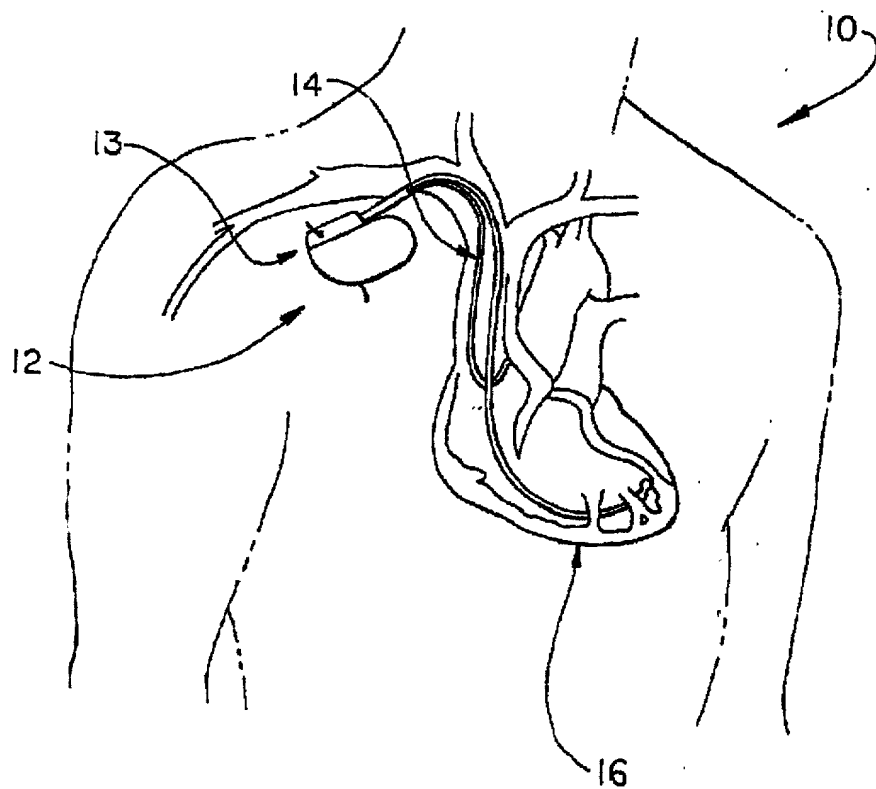


Fig. 1



1007992 024903 2006720 2267007

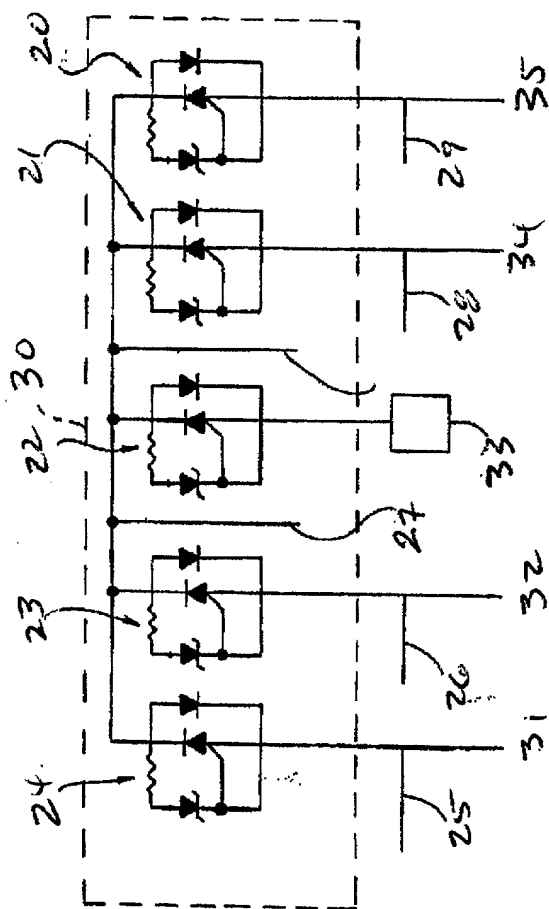


Fig. 2

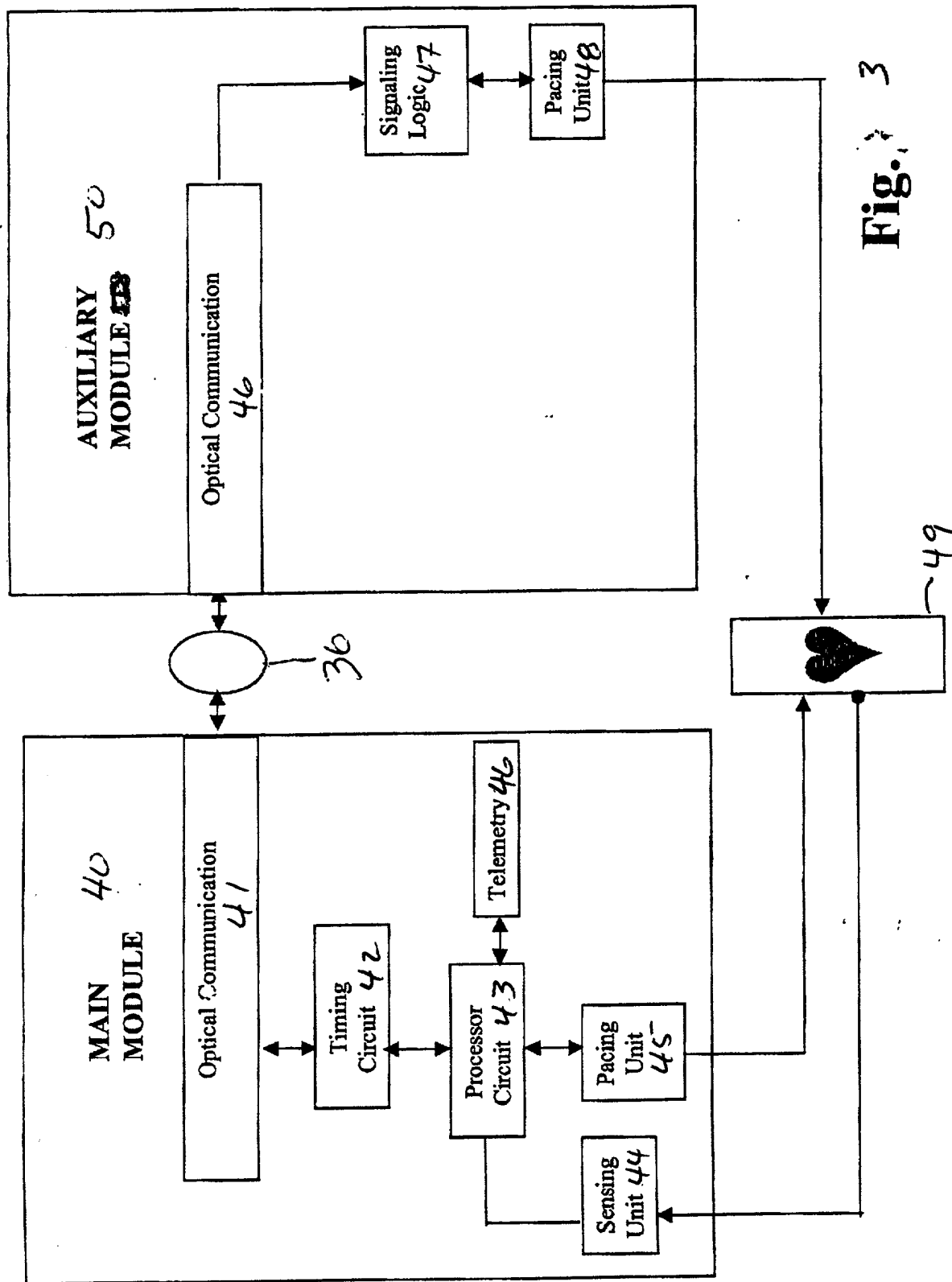


Fig. 3

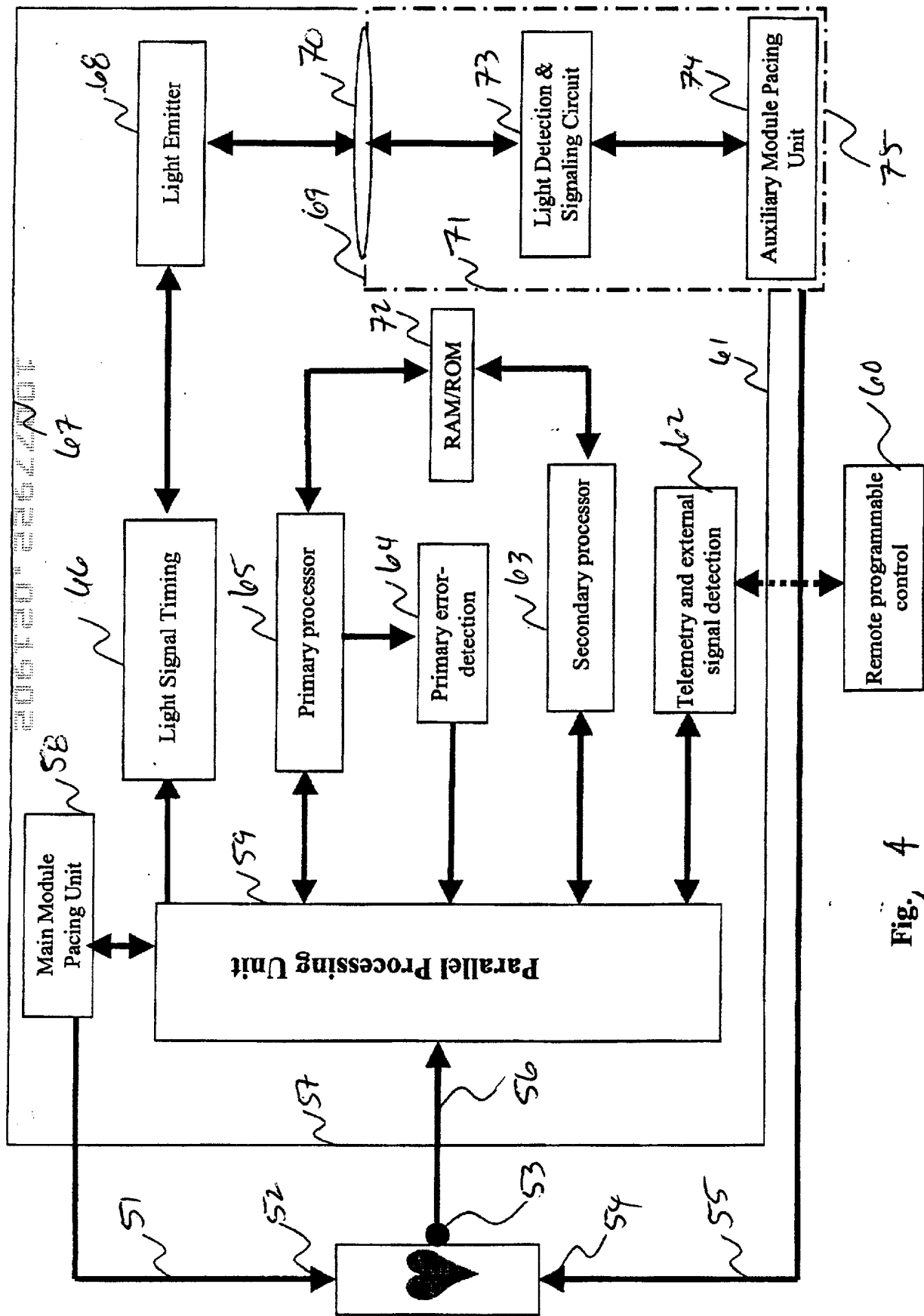


Fig. 4

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570

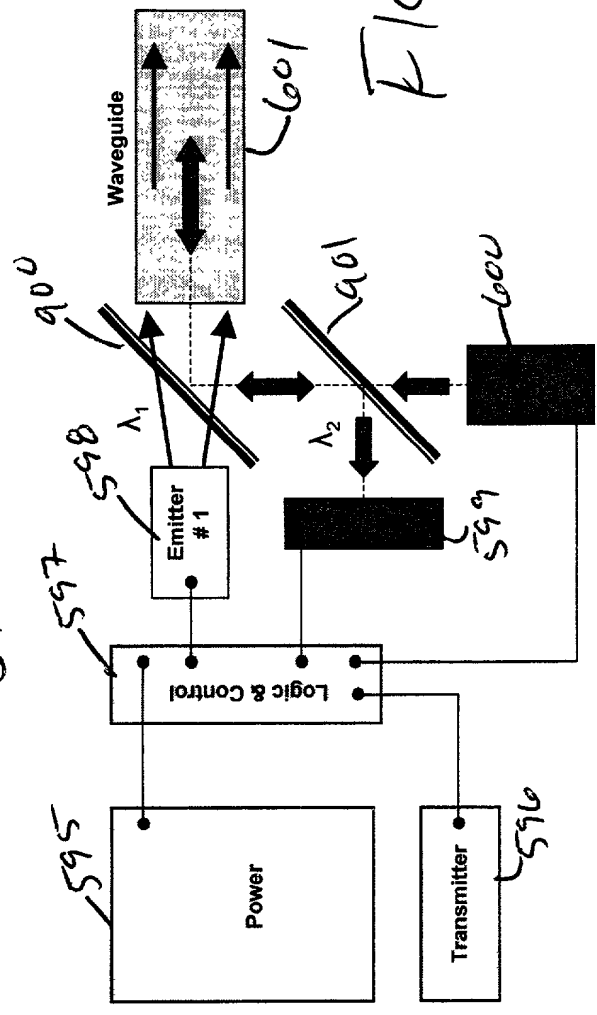


FIG 570

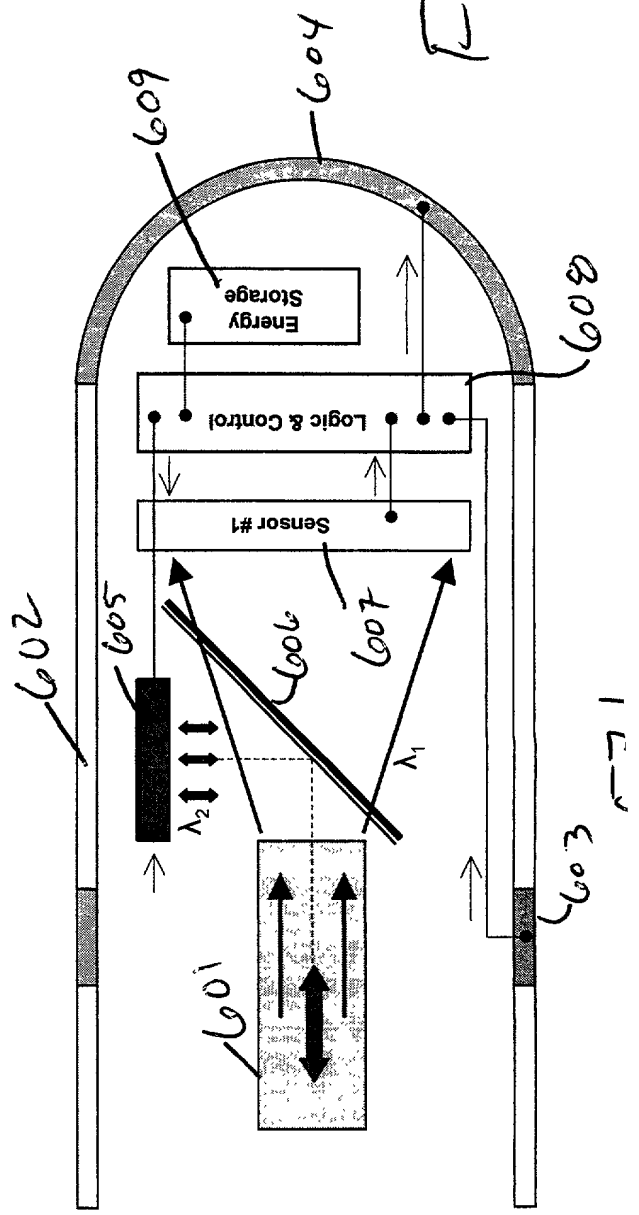


FIG 600

FIG 7

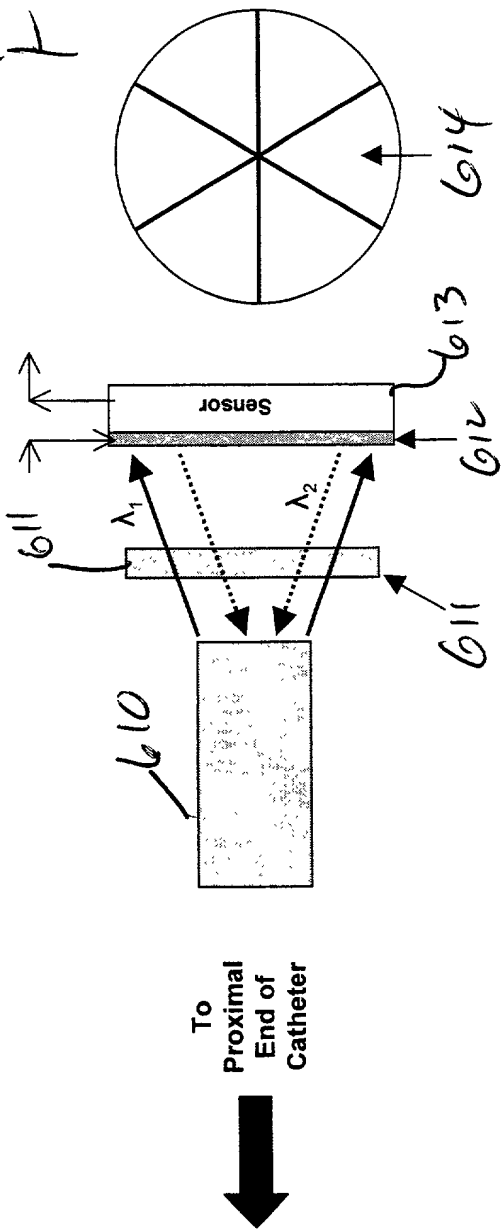


FIG 8

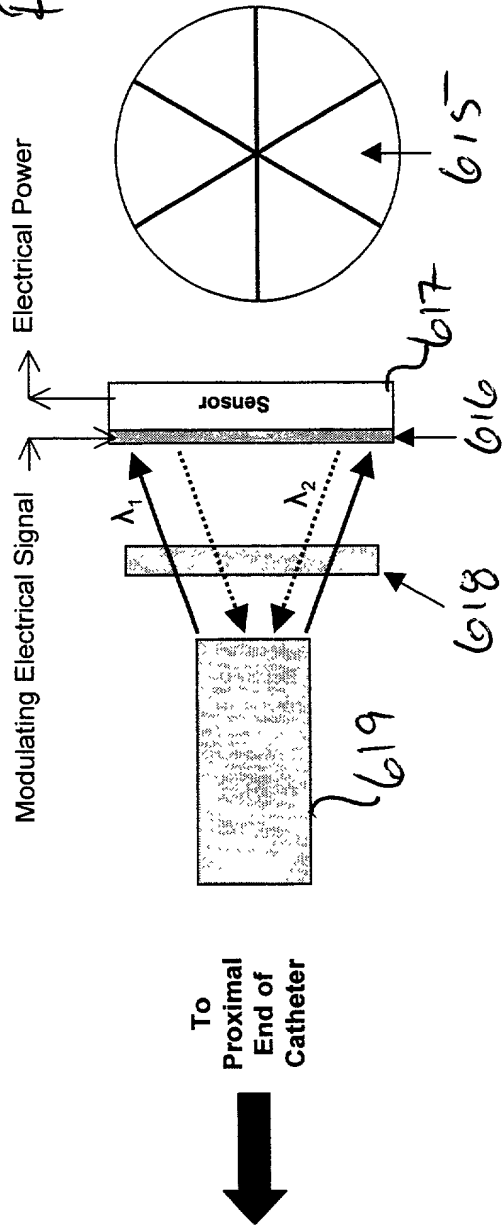


FIG. 13

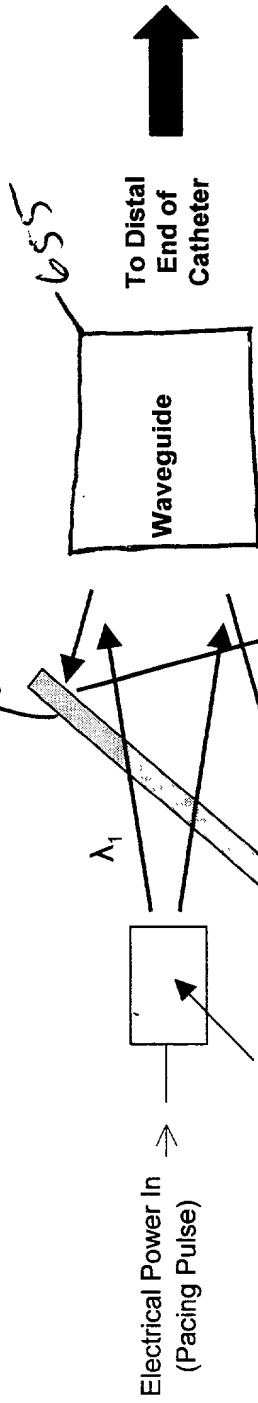
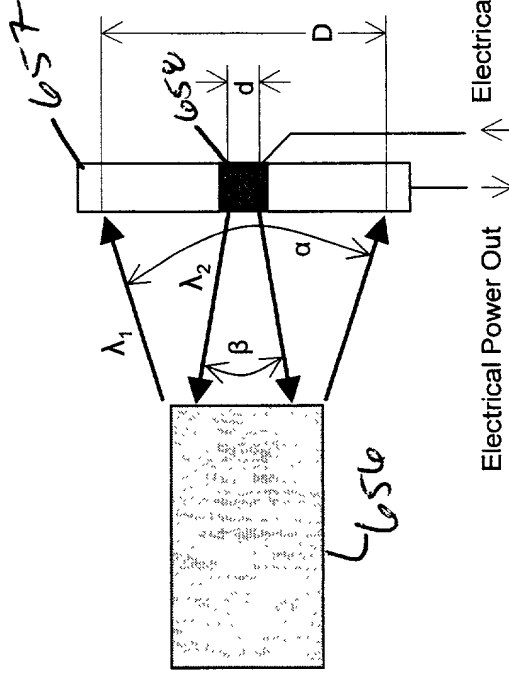
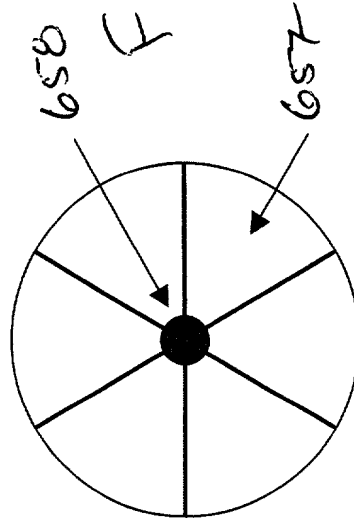


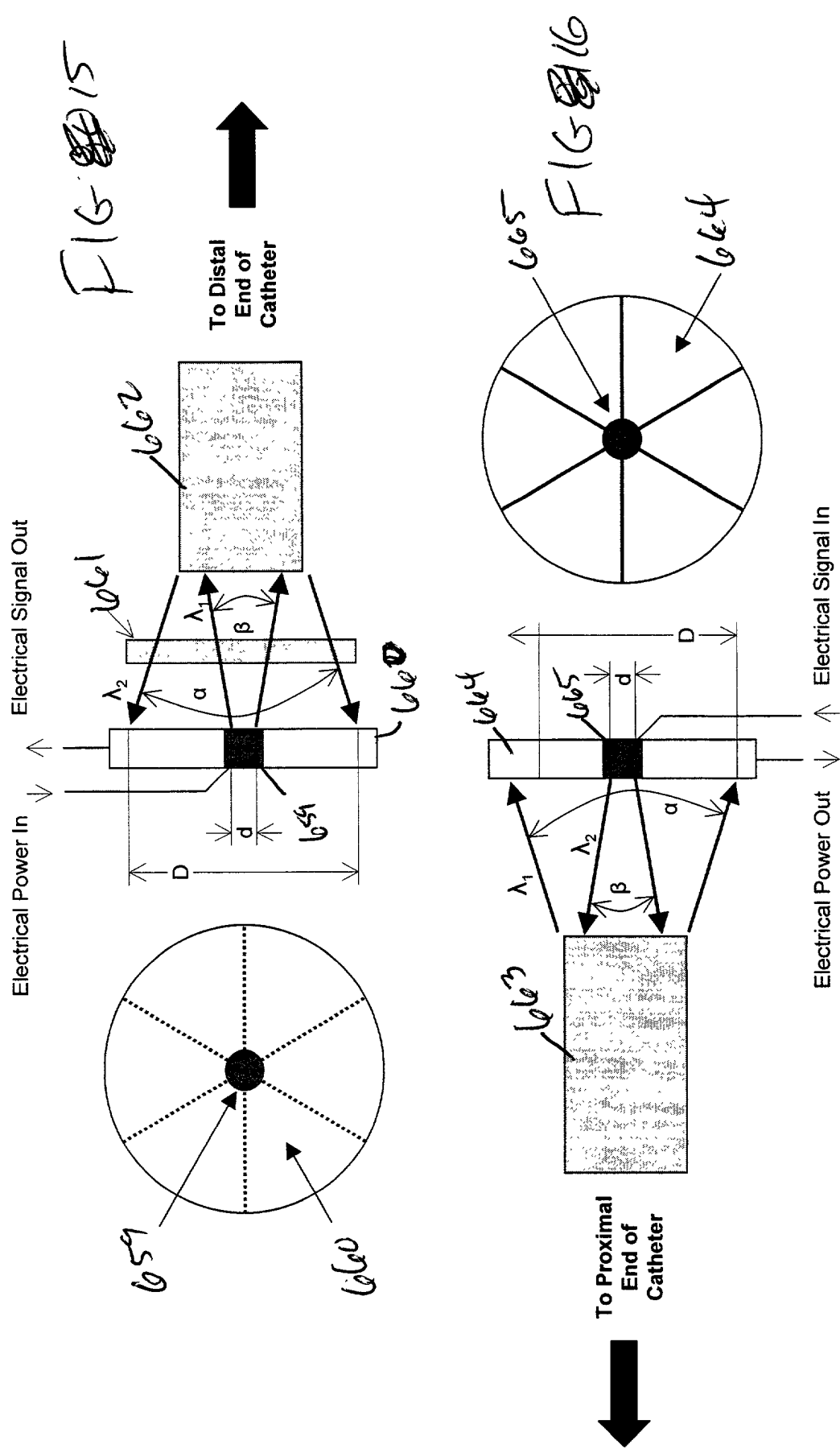
FIG. 14

Electrical Signal Out



To Proximal End of Catheter





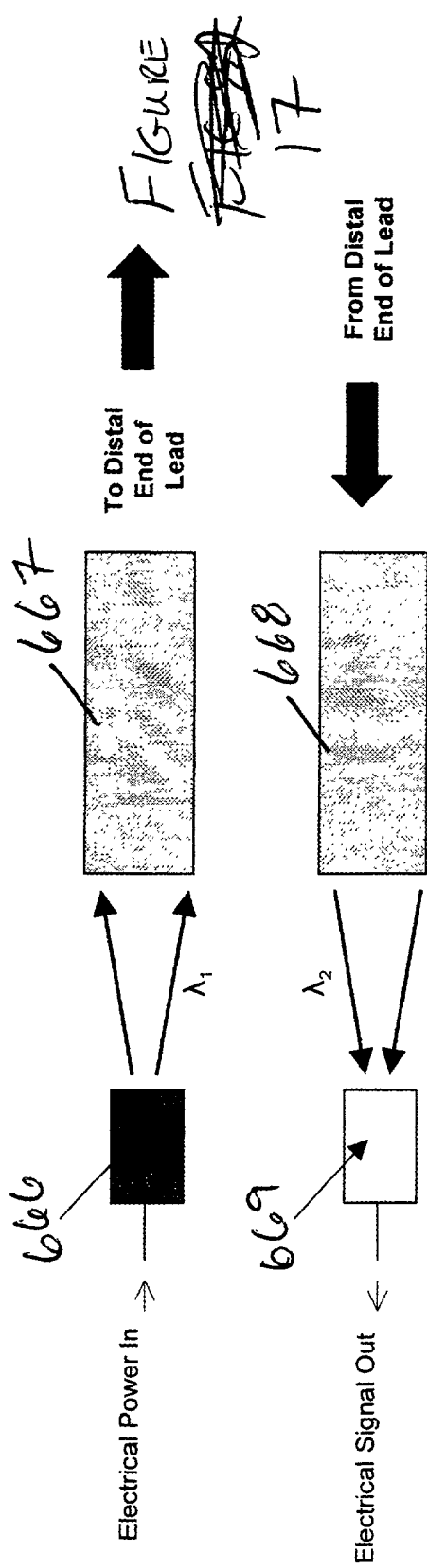


FIGURE
~~17~~
17

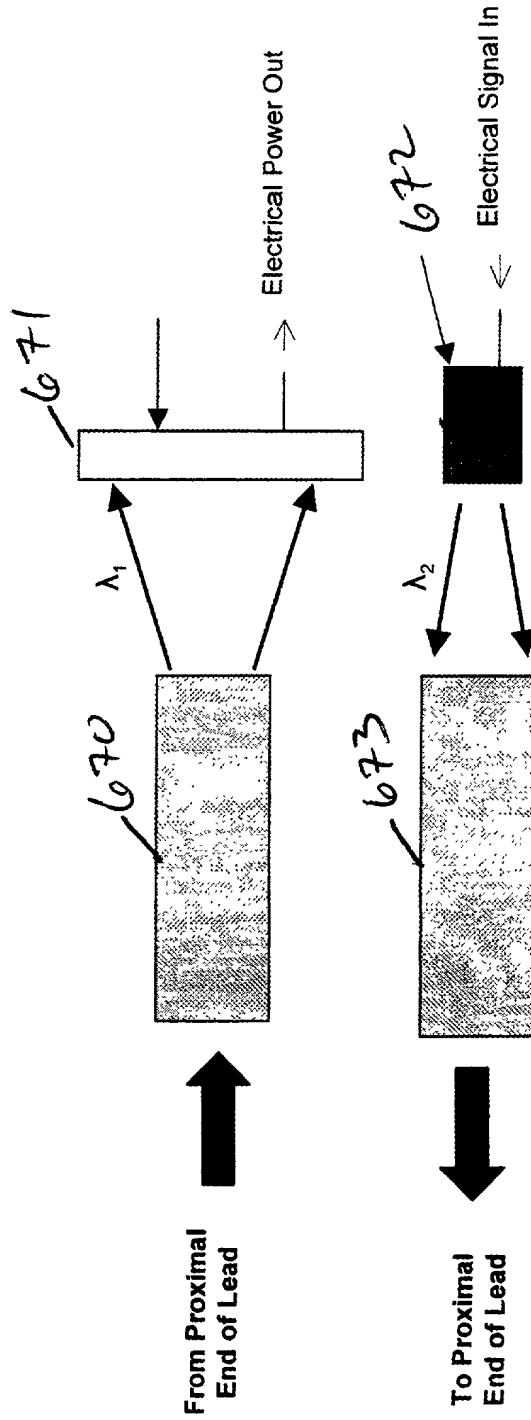
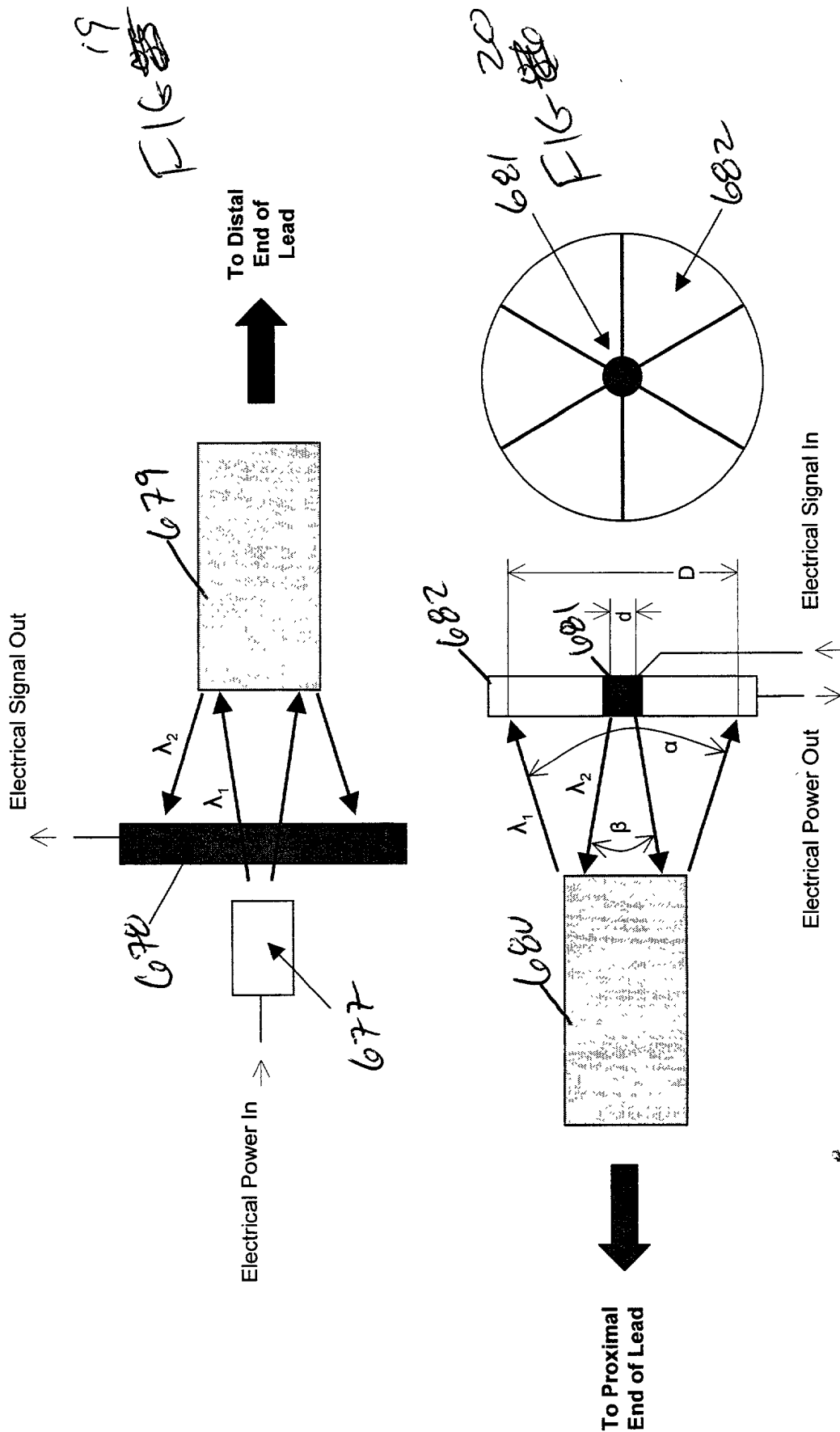


FIGURE
~~18~~
18



Fiber-optic coupling

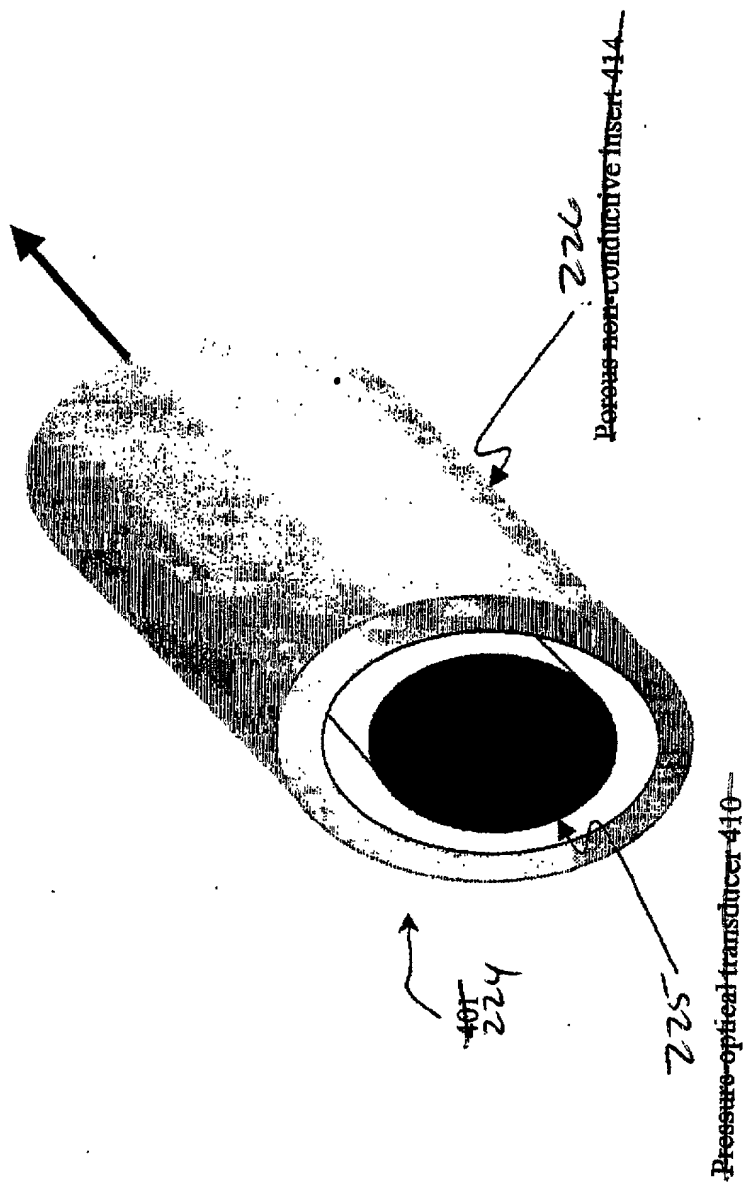
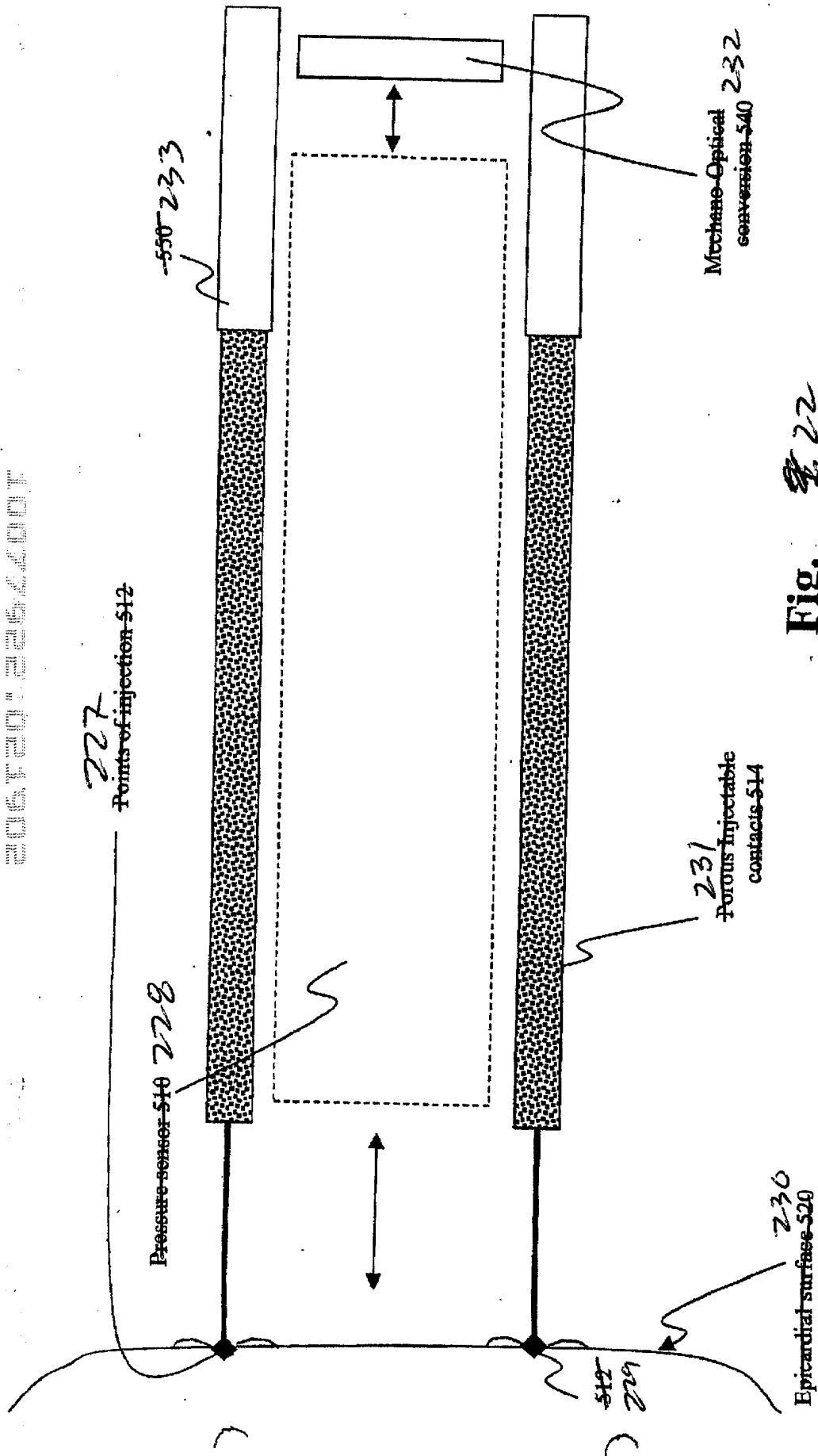
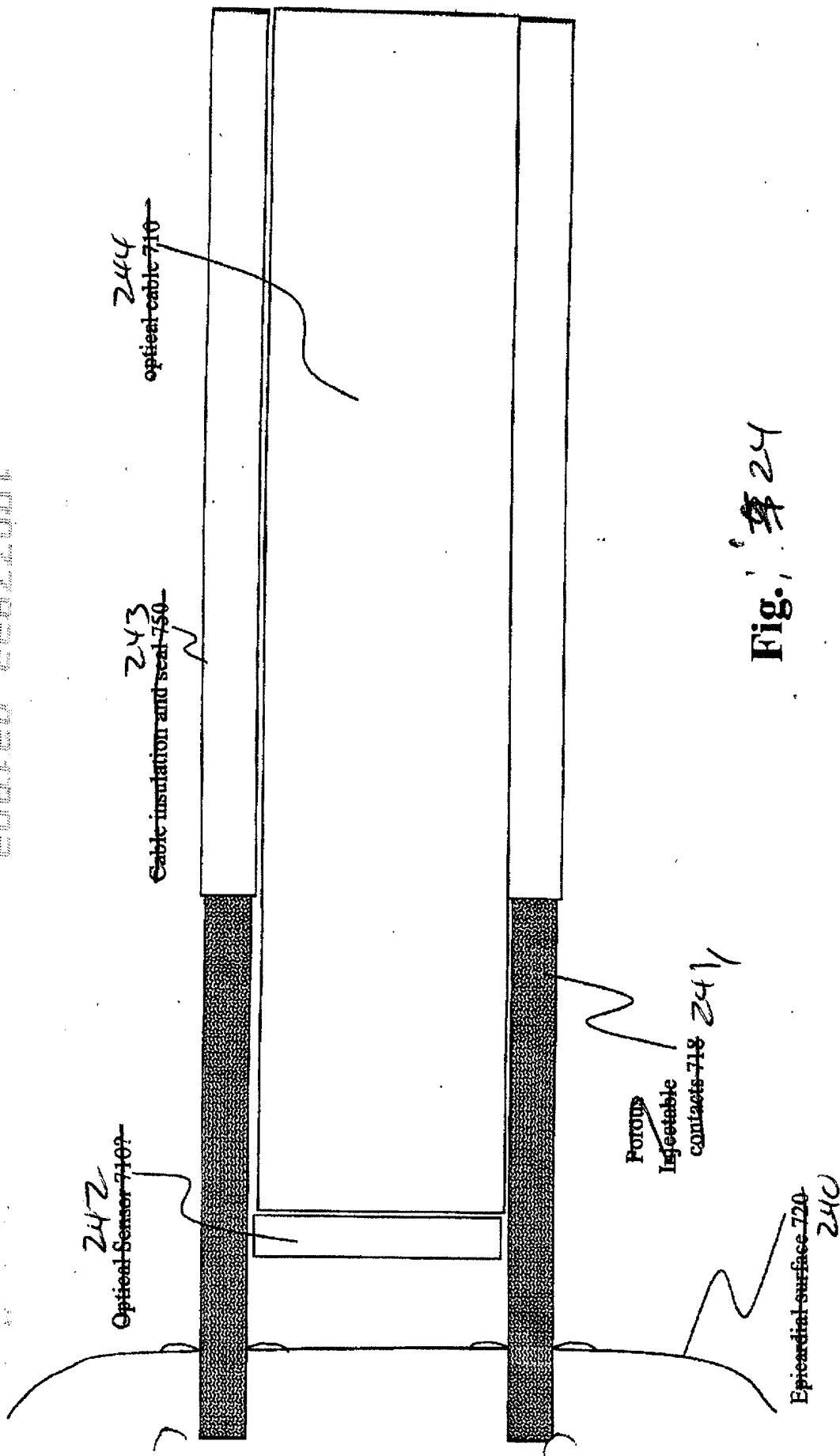


Fig. 1





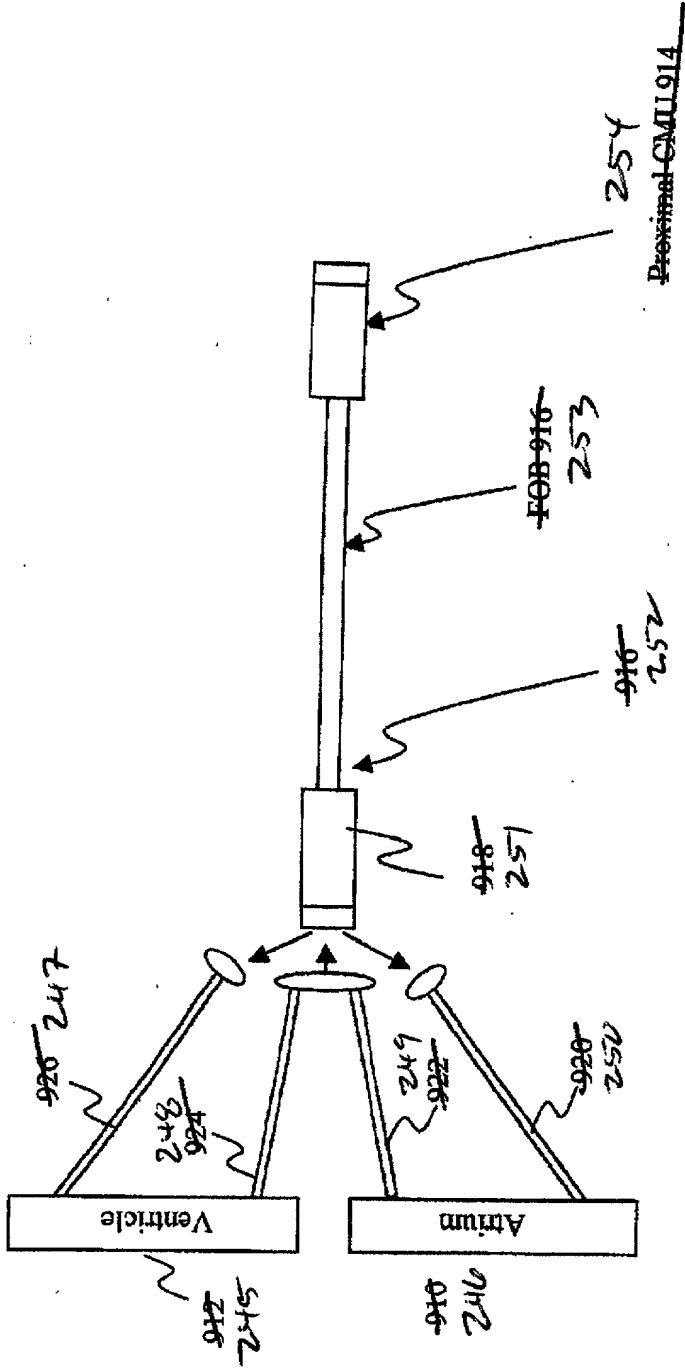


Fig. 25

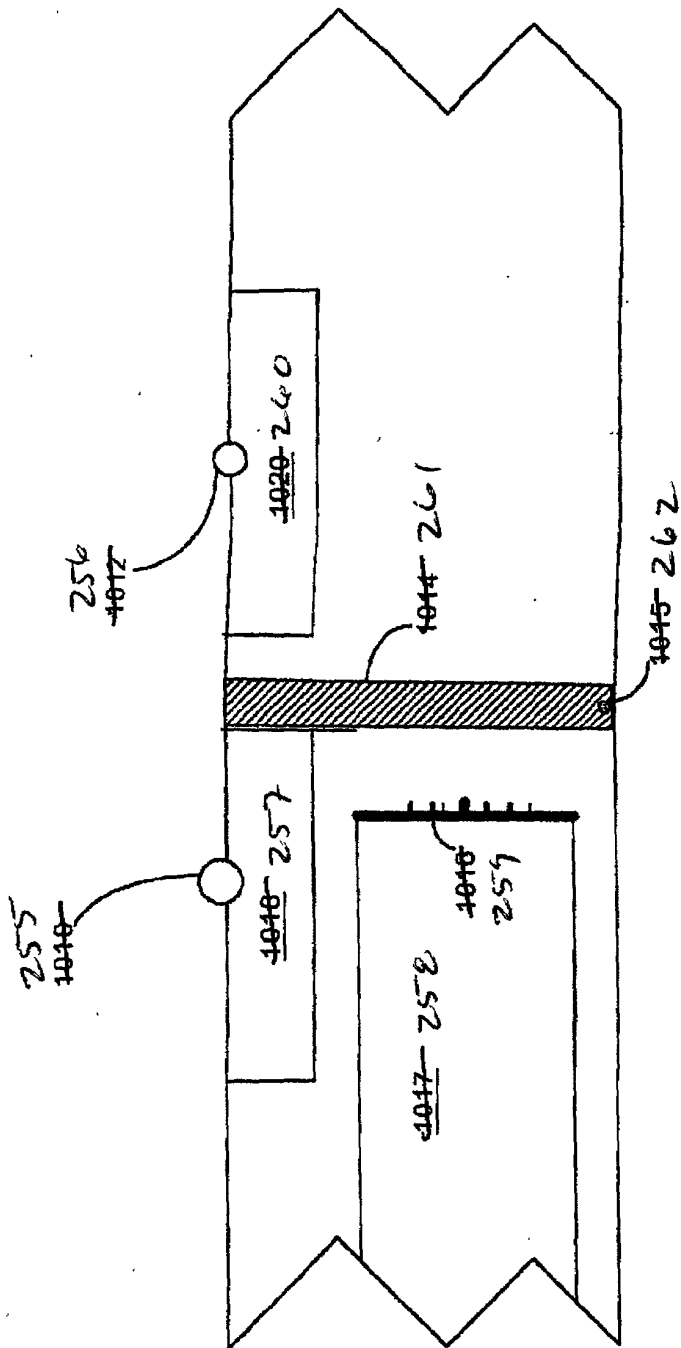


Fig. 26

FIG 2.7

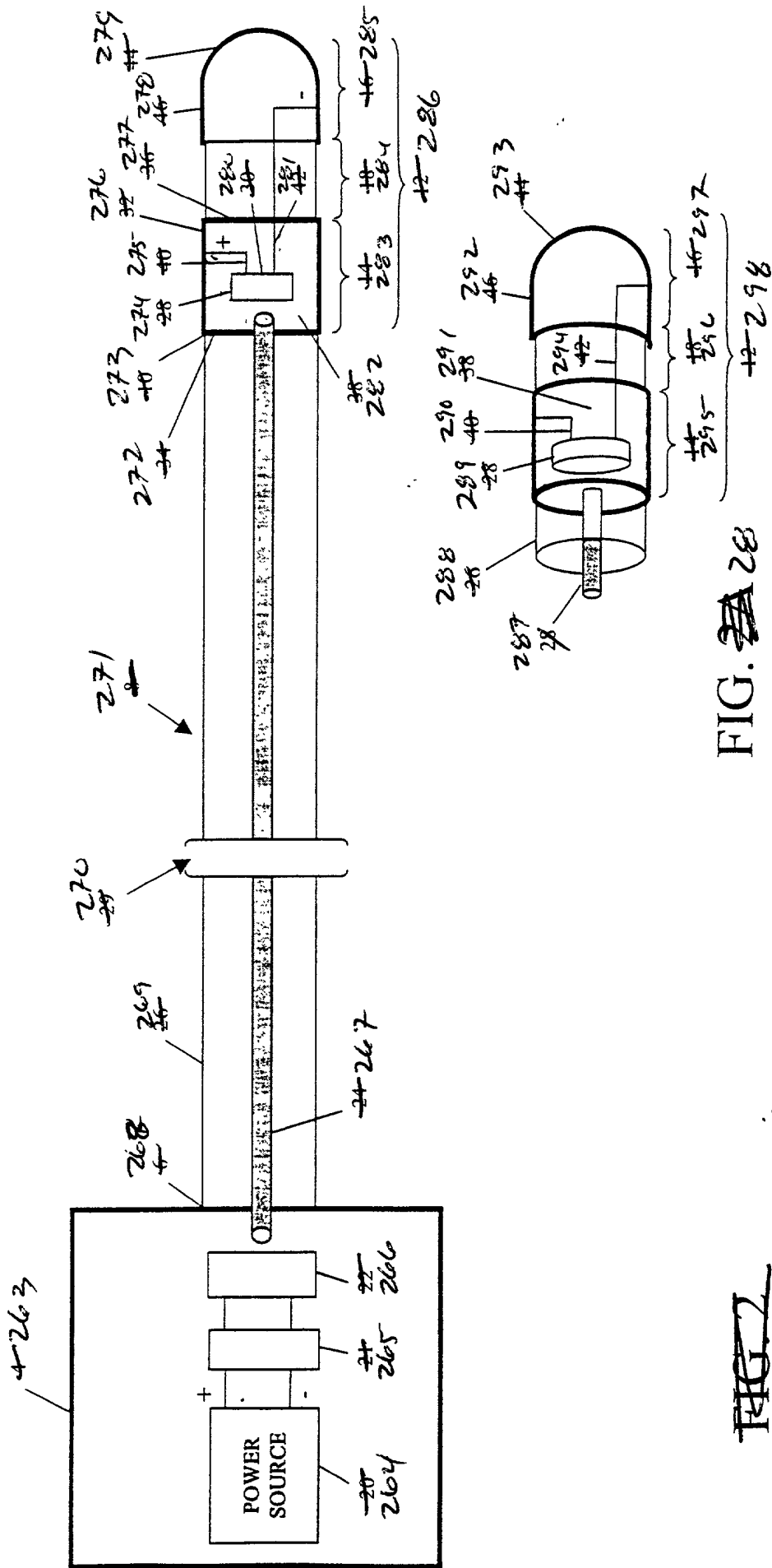


FIG. 2.8

FIG. 2

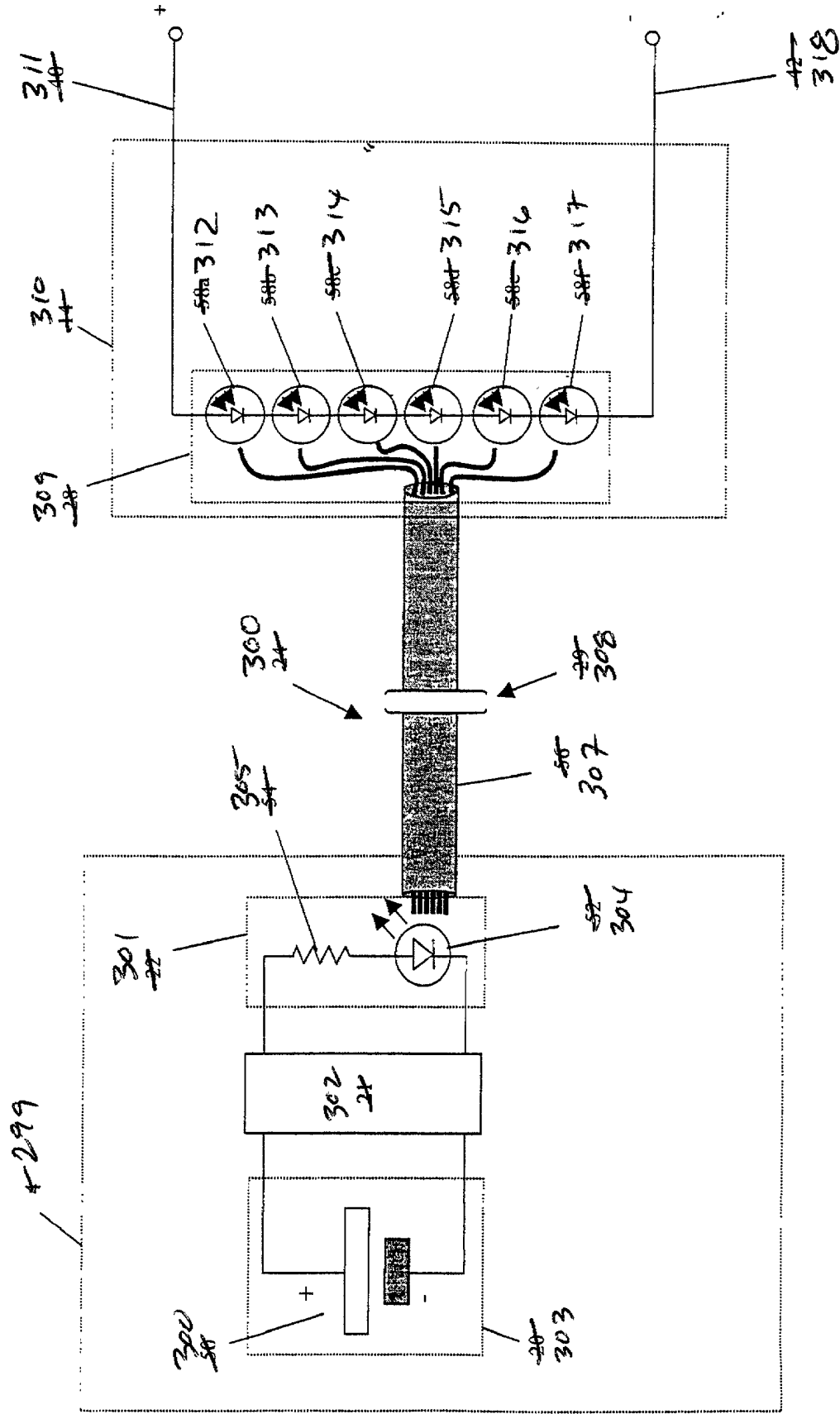


FIG. 29

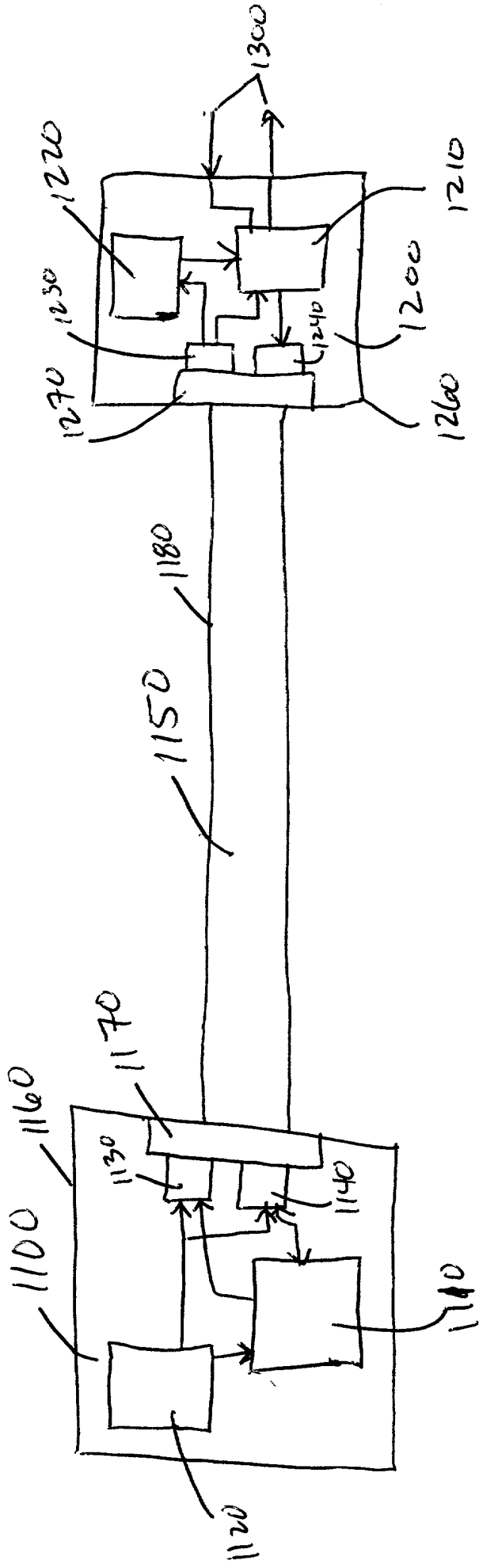
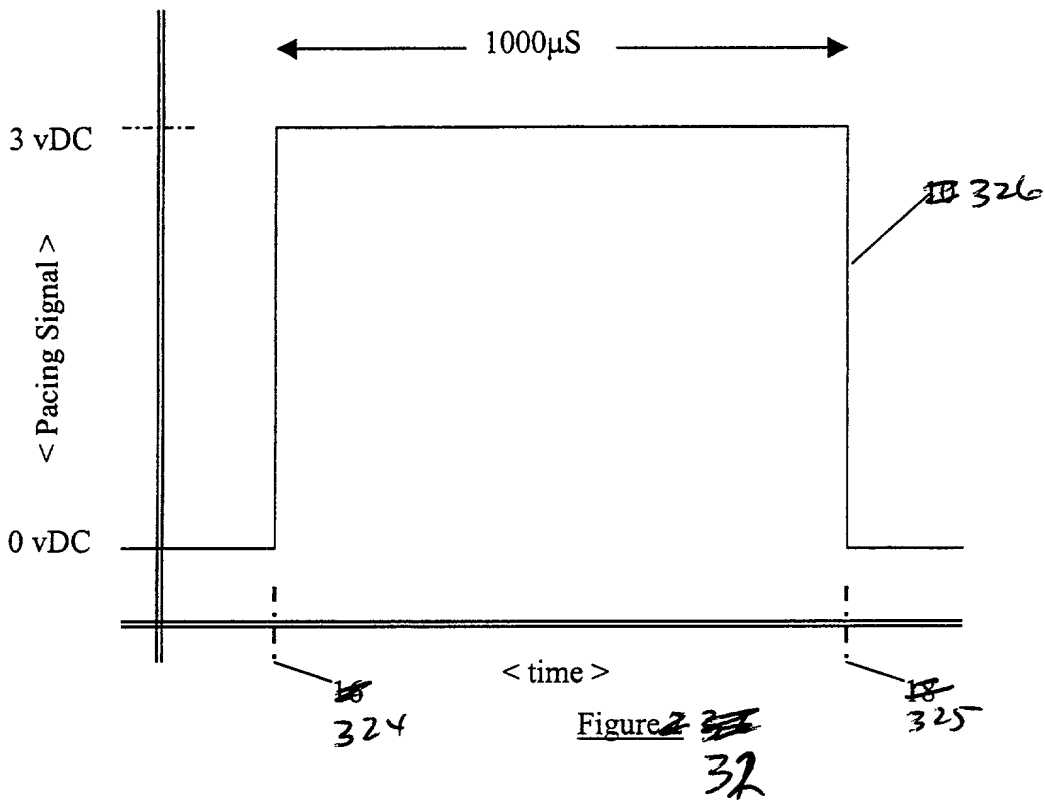
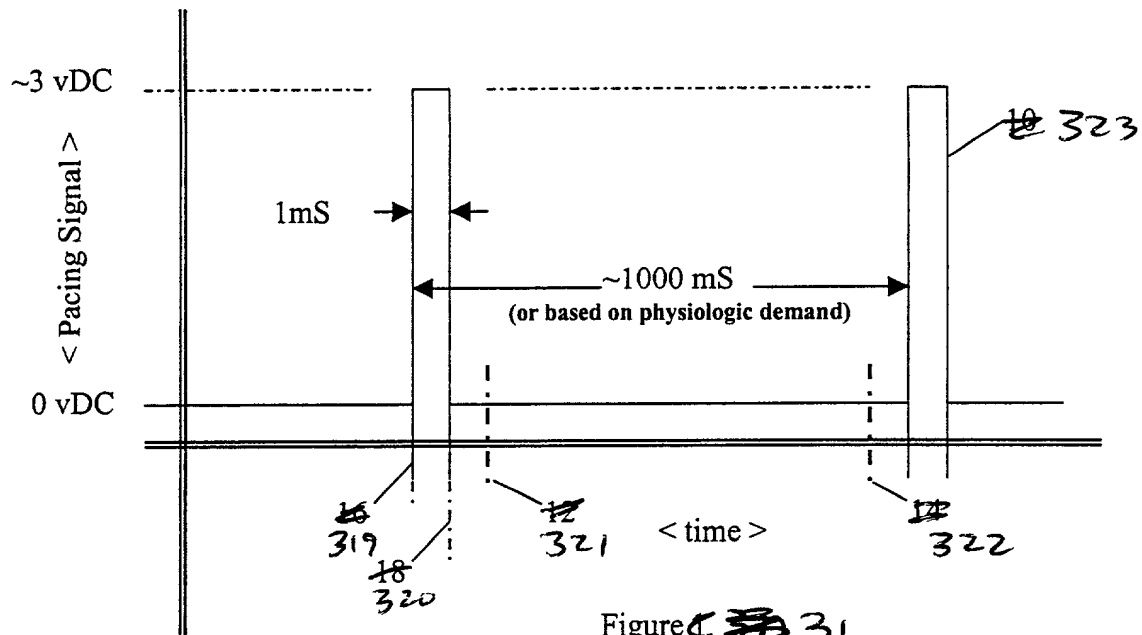


FIGURE 30



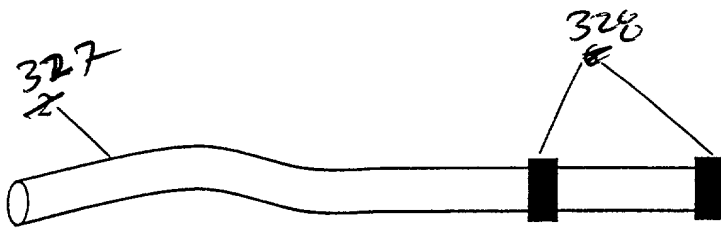


Figure ~~33~~ 33

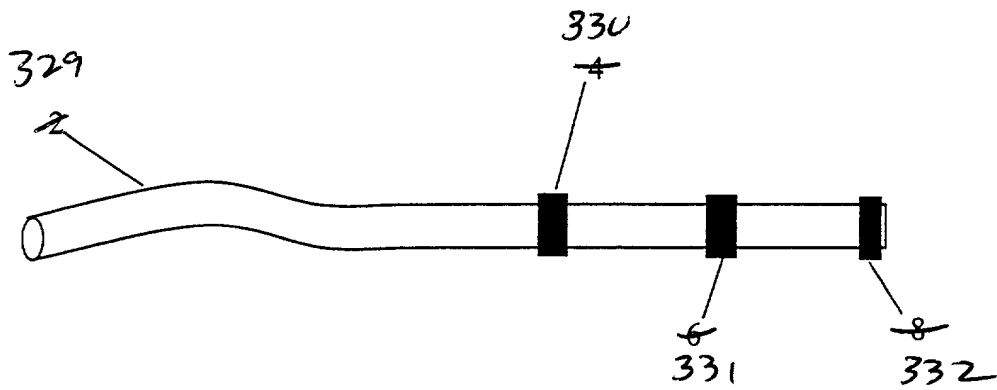


Figure ~~34~~ 34

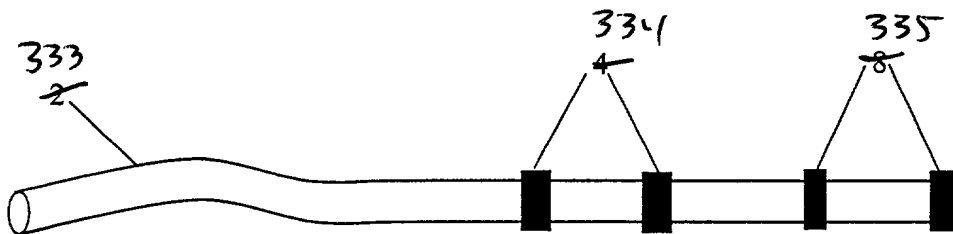


Figure ~~35~~ 35

~~FIG 35~~

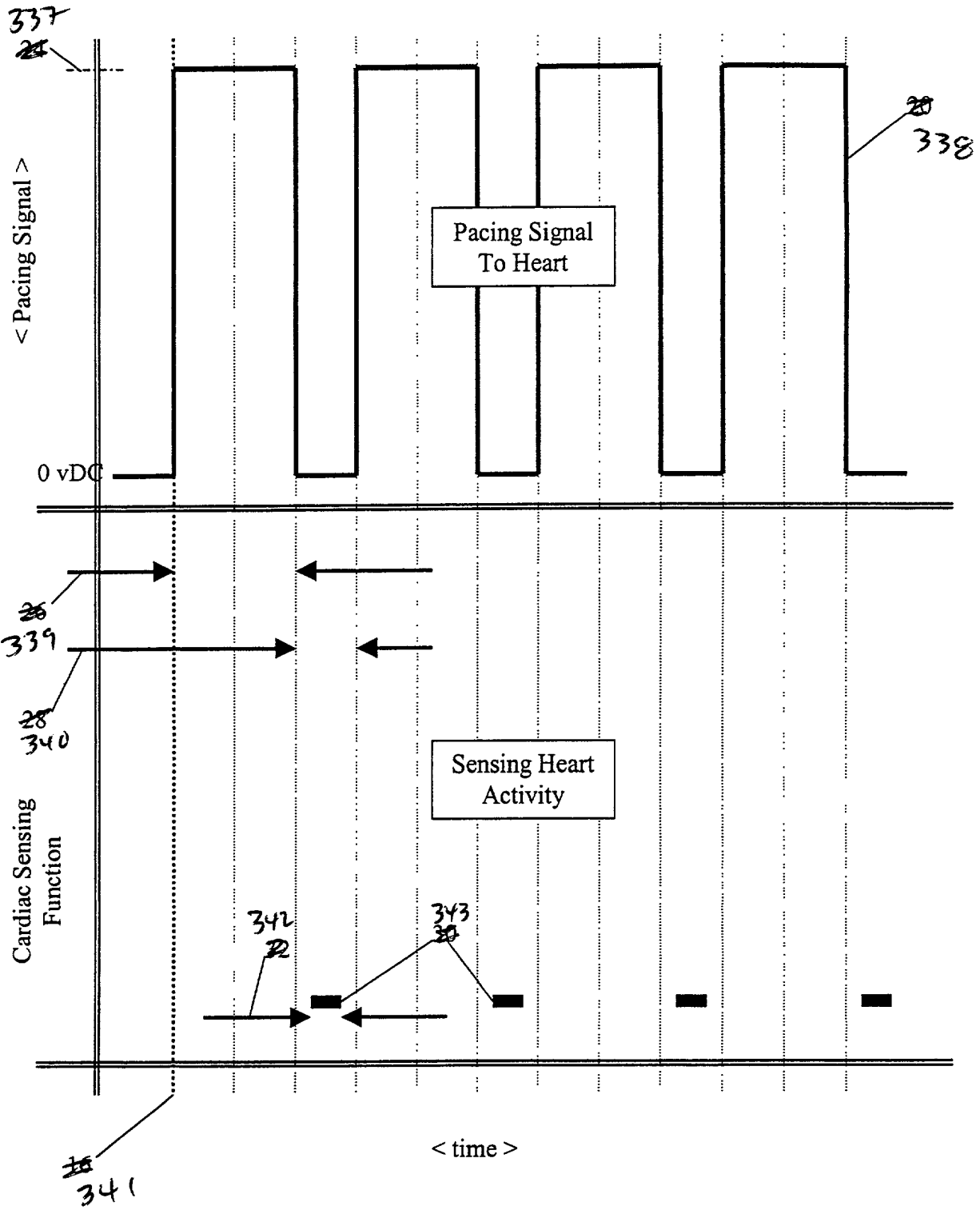


Figure ~~35~~ 36

1007922-024902

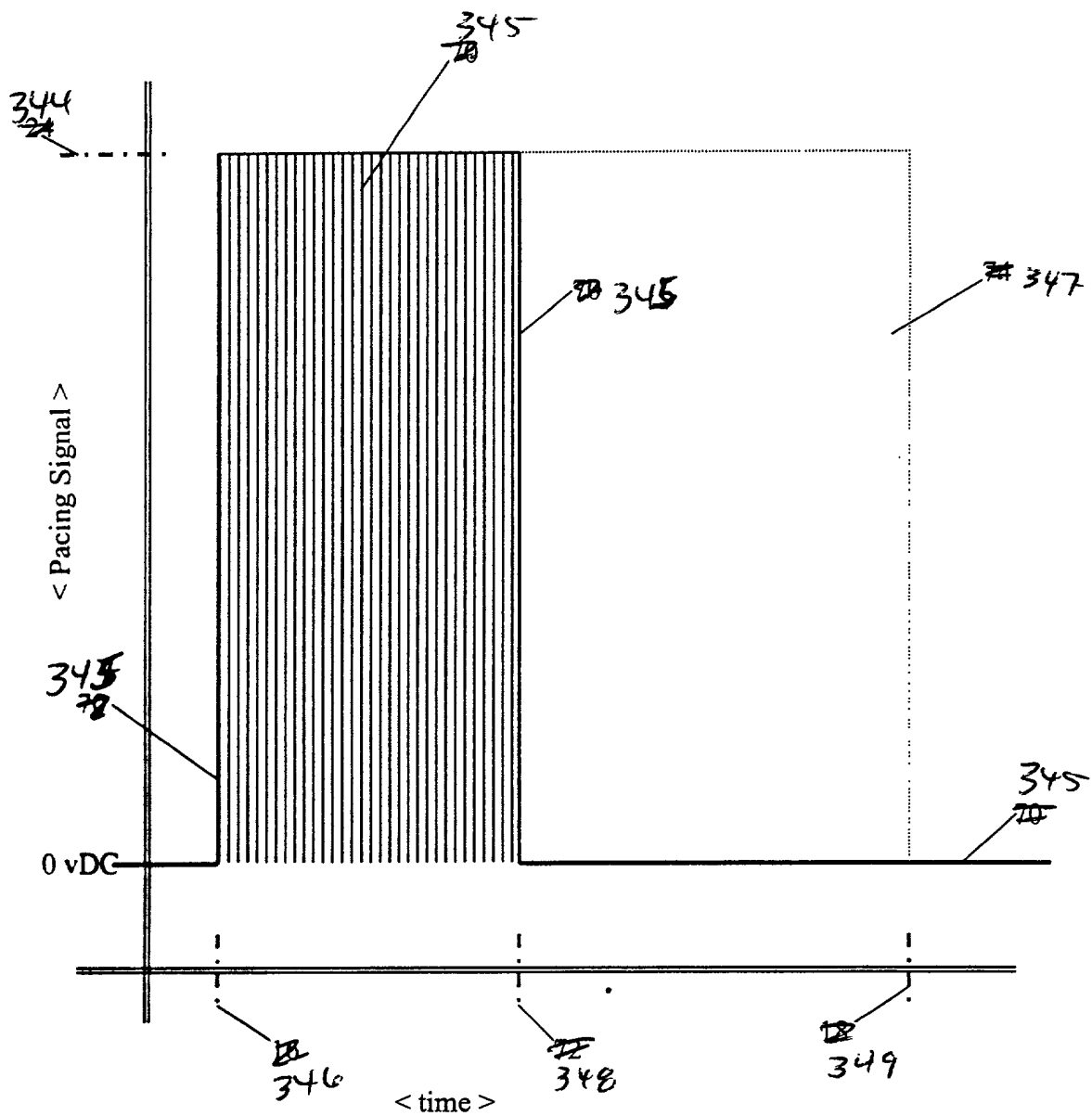


Figure 37

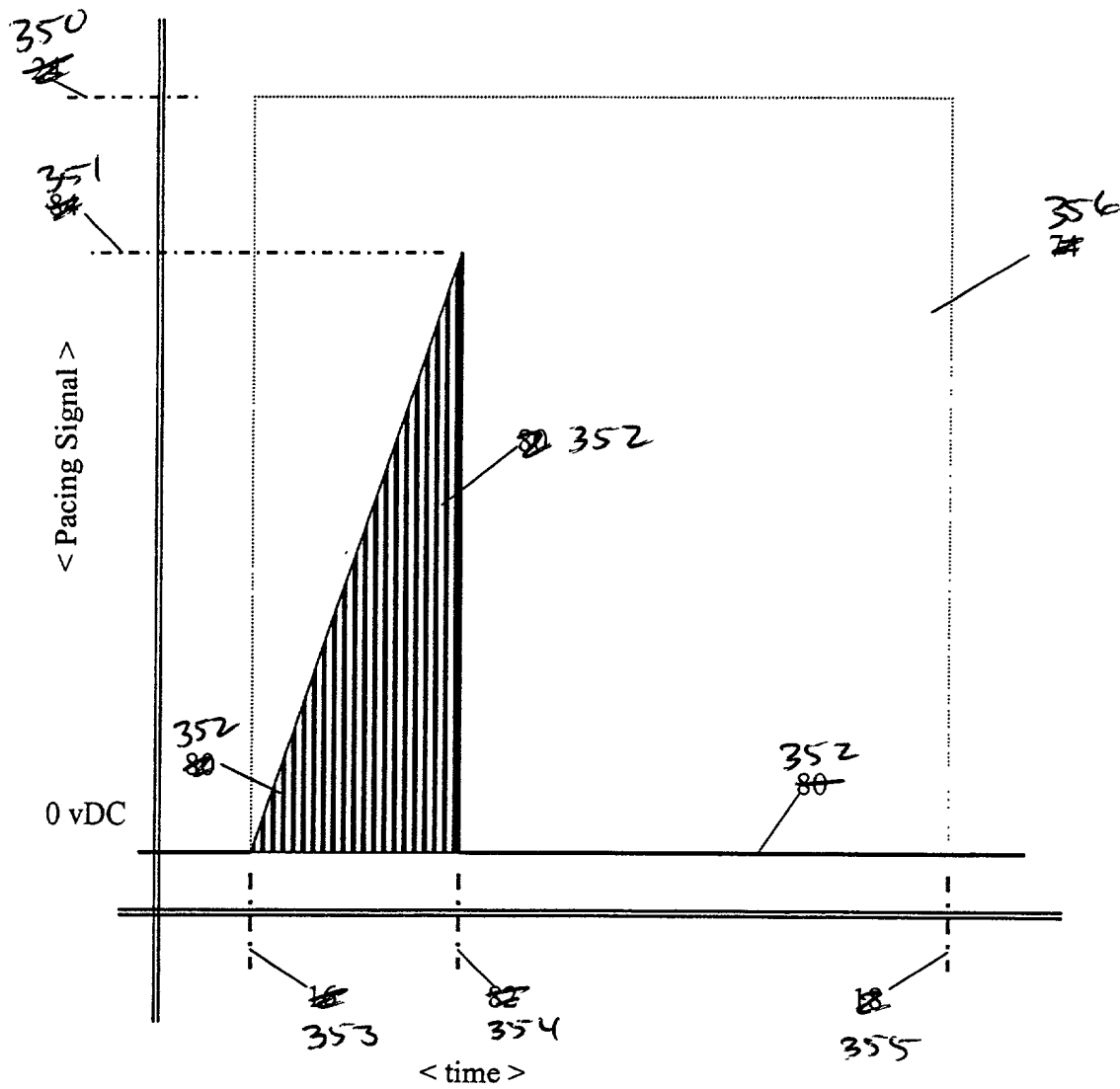


Figure 38

Figure ~~10~~ 39

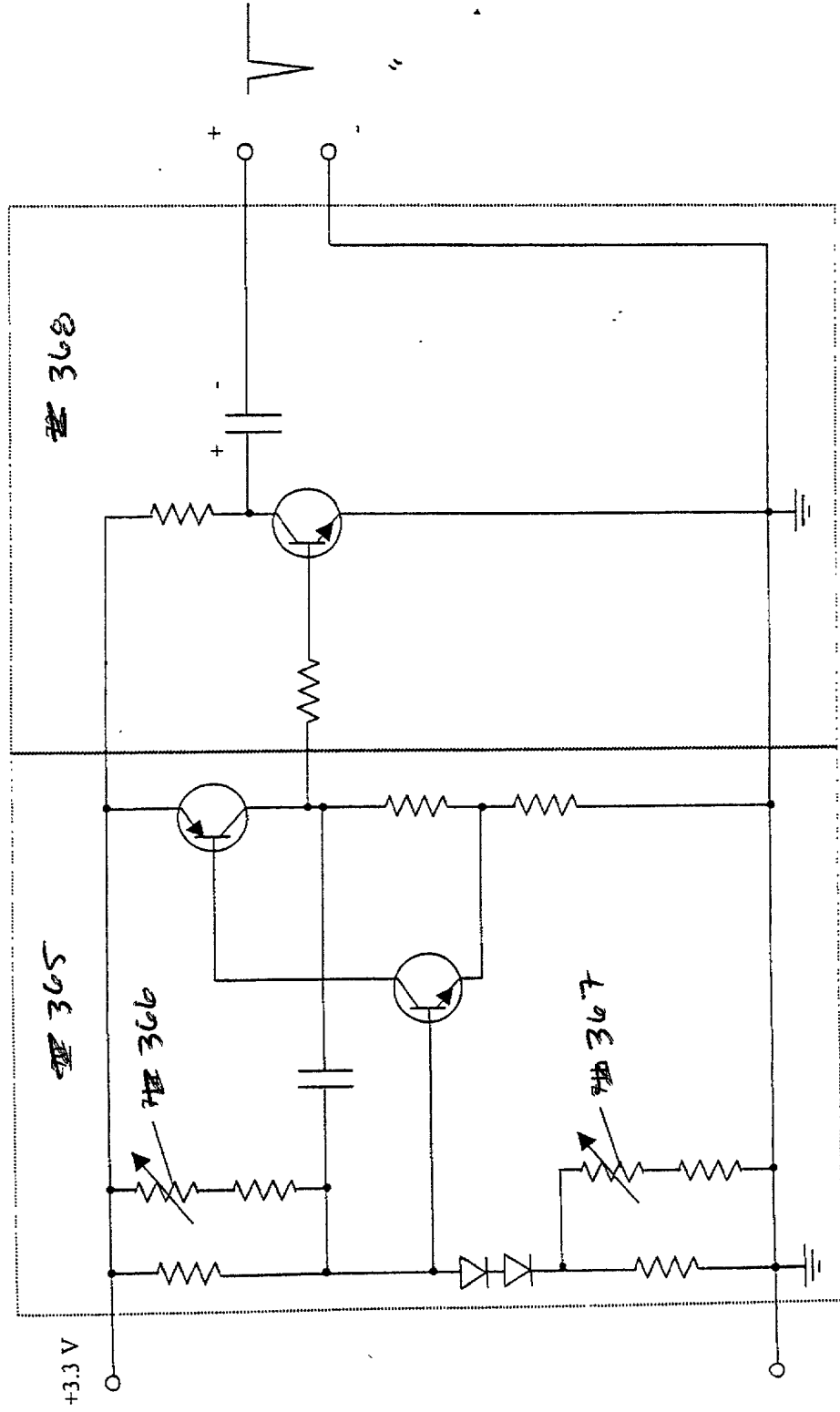
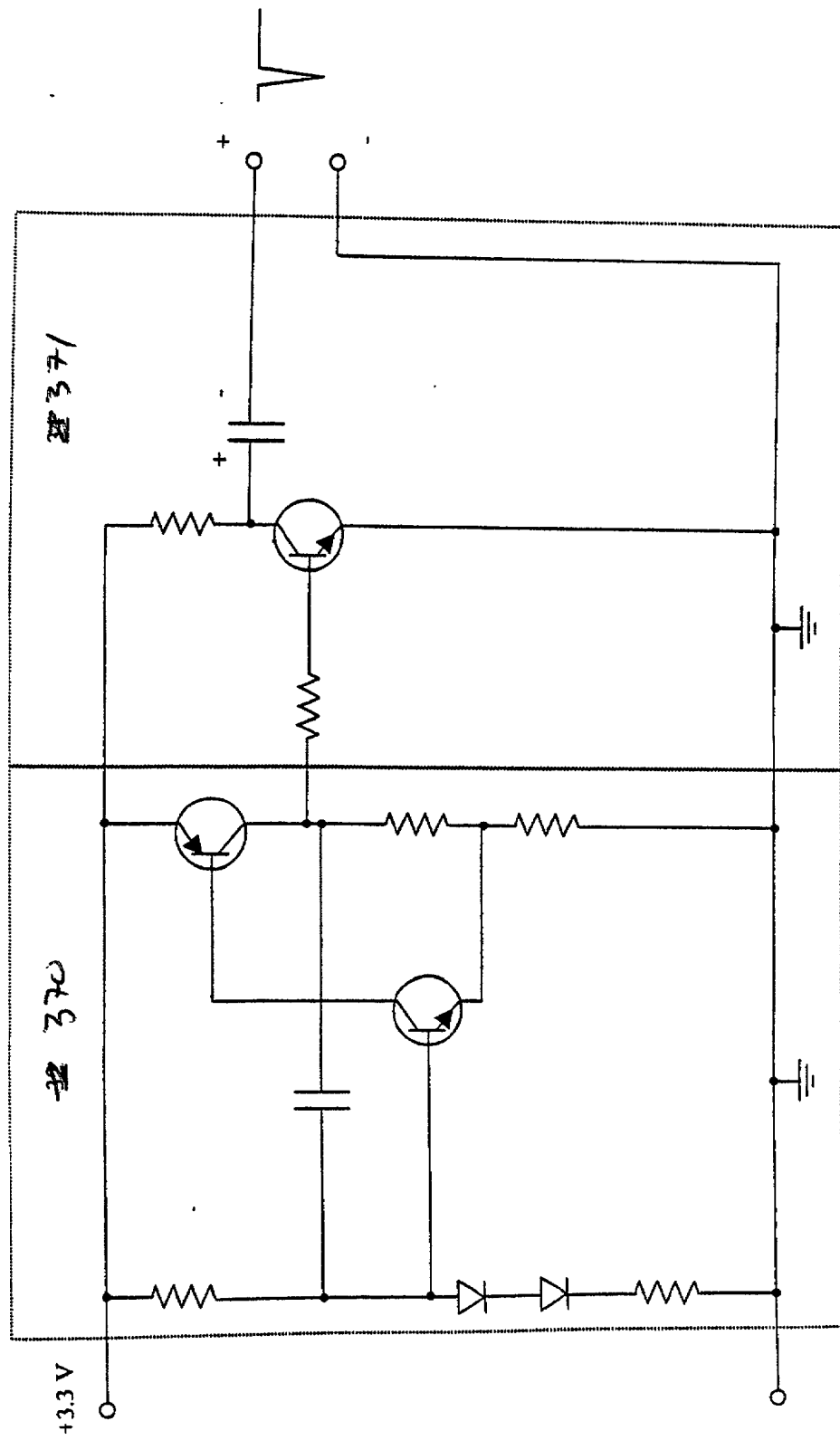


FIG. 40



372

FIG. 341

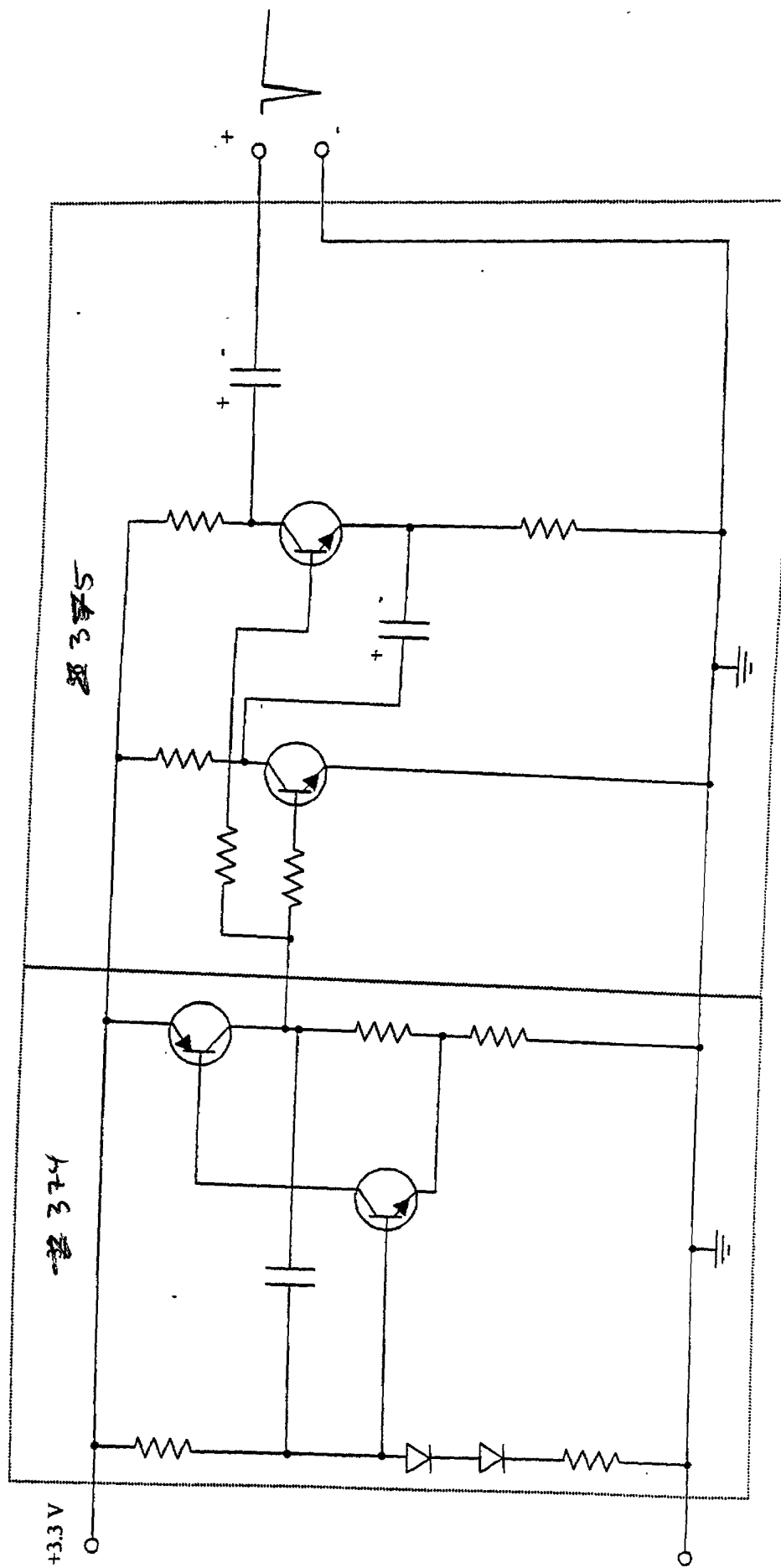


FIG. 442

373

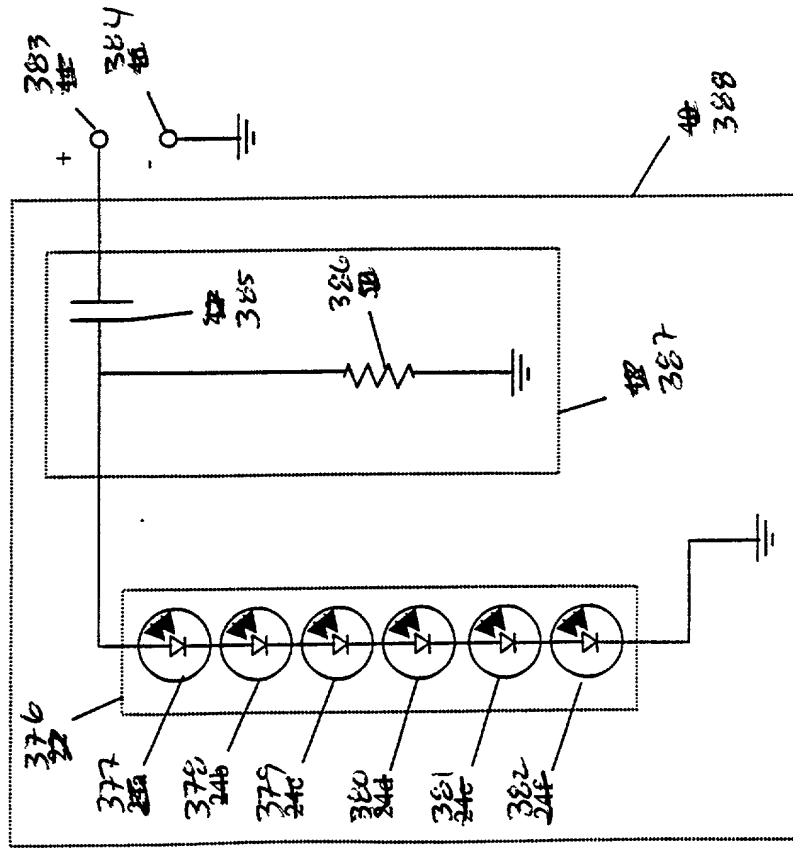


FIG. 8

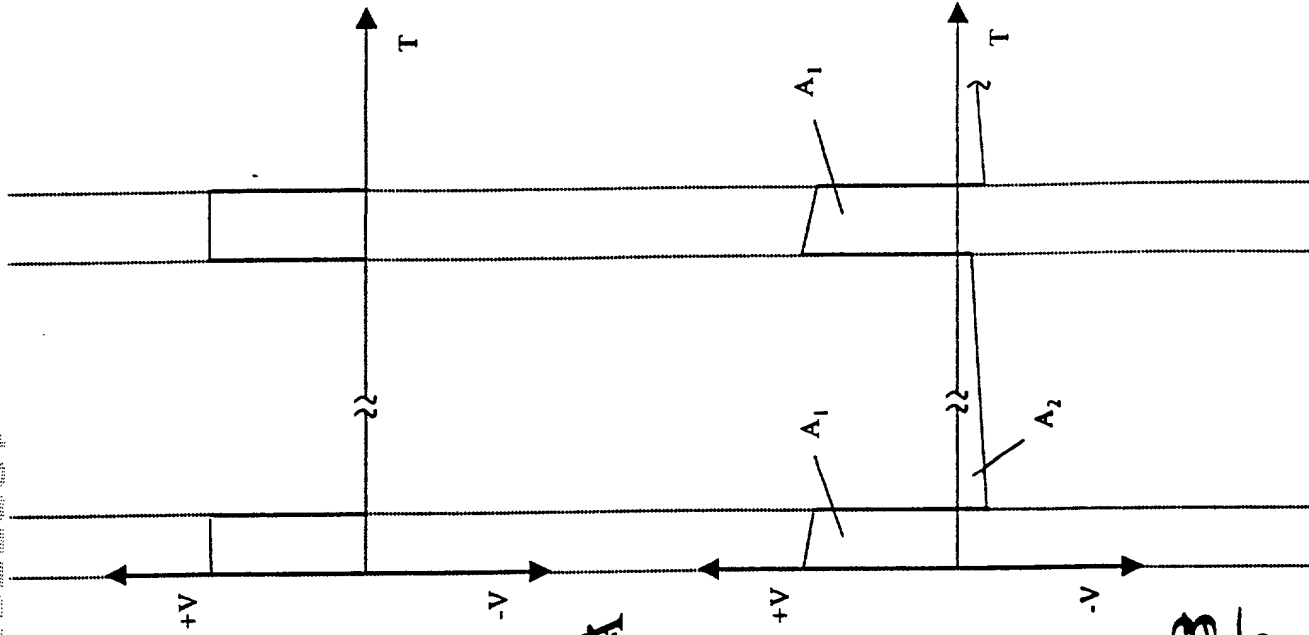


FIG. 6A

FIG. 6B

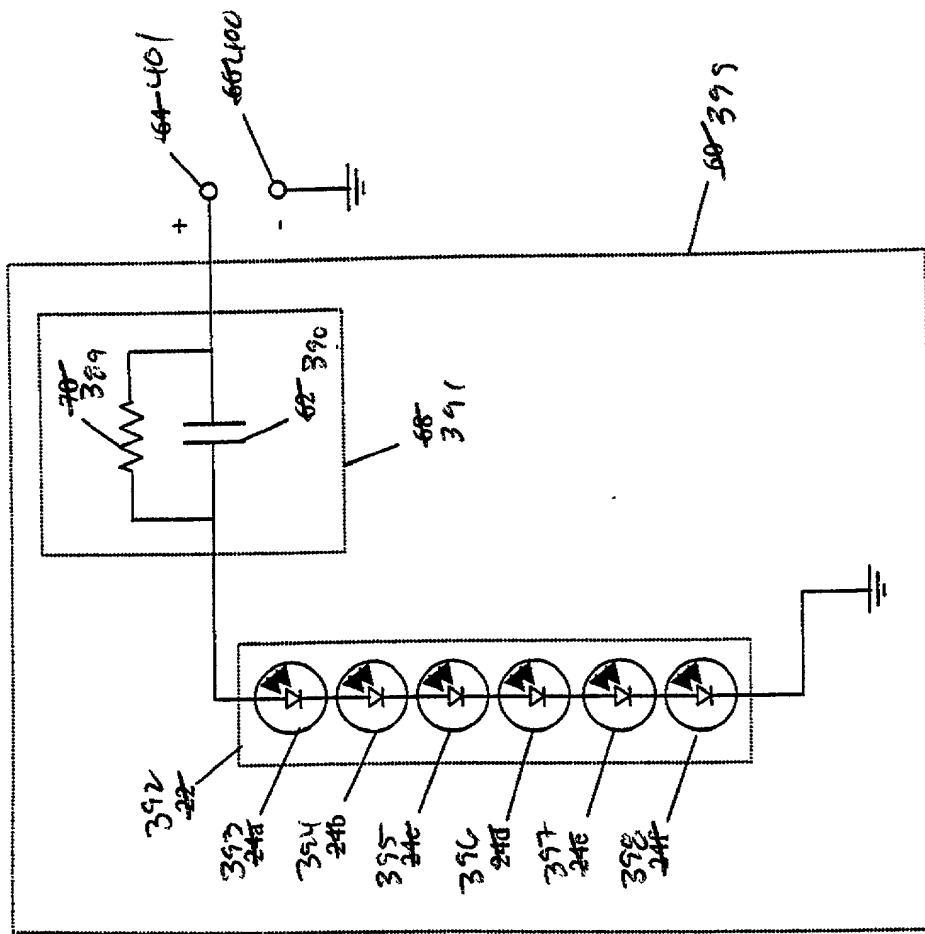


FIG. 740

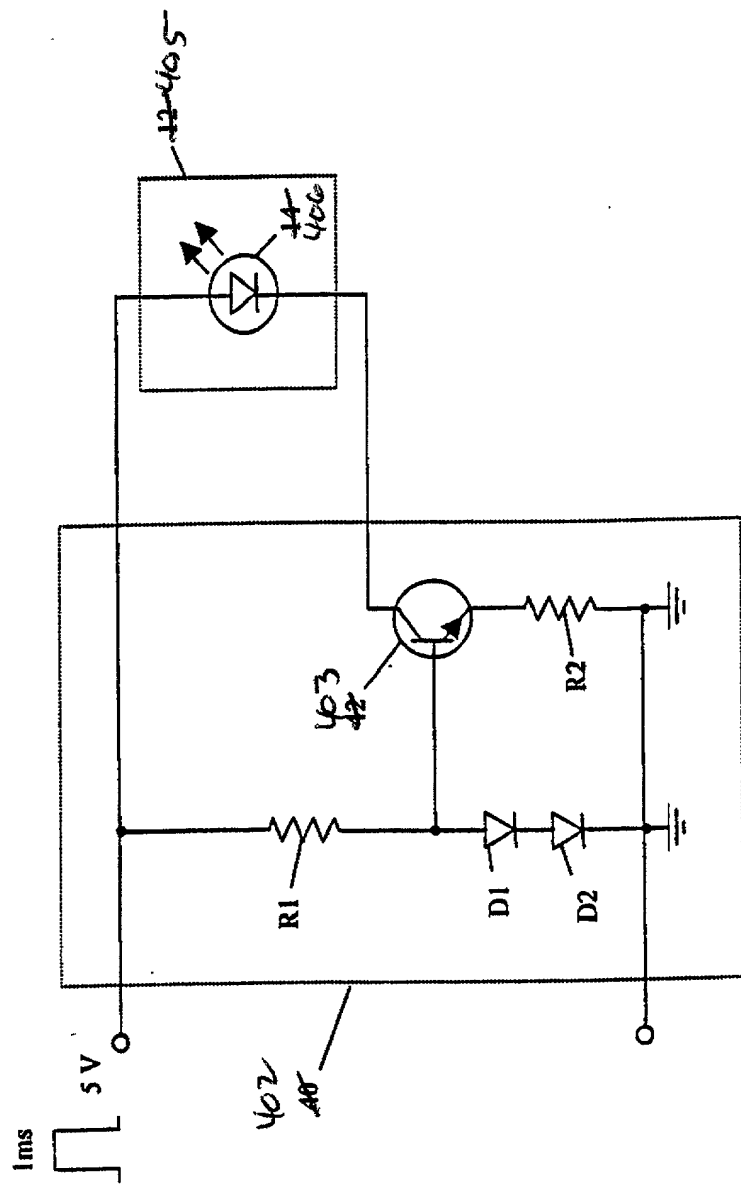


FIG. 47

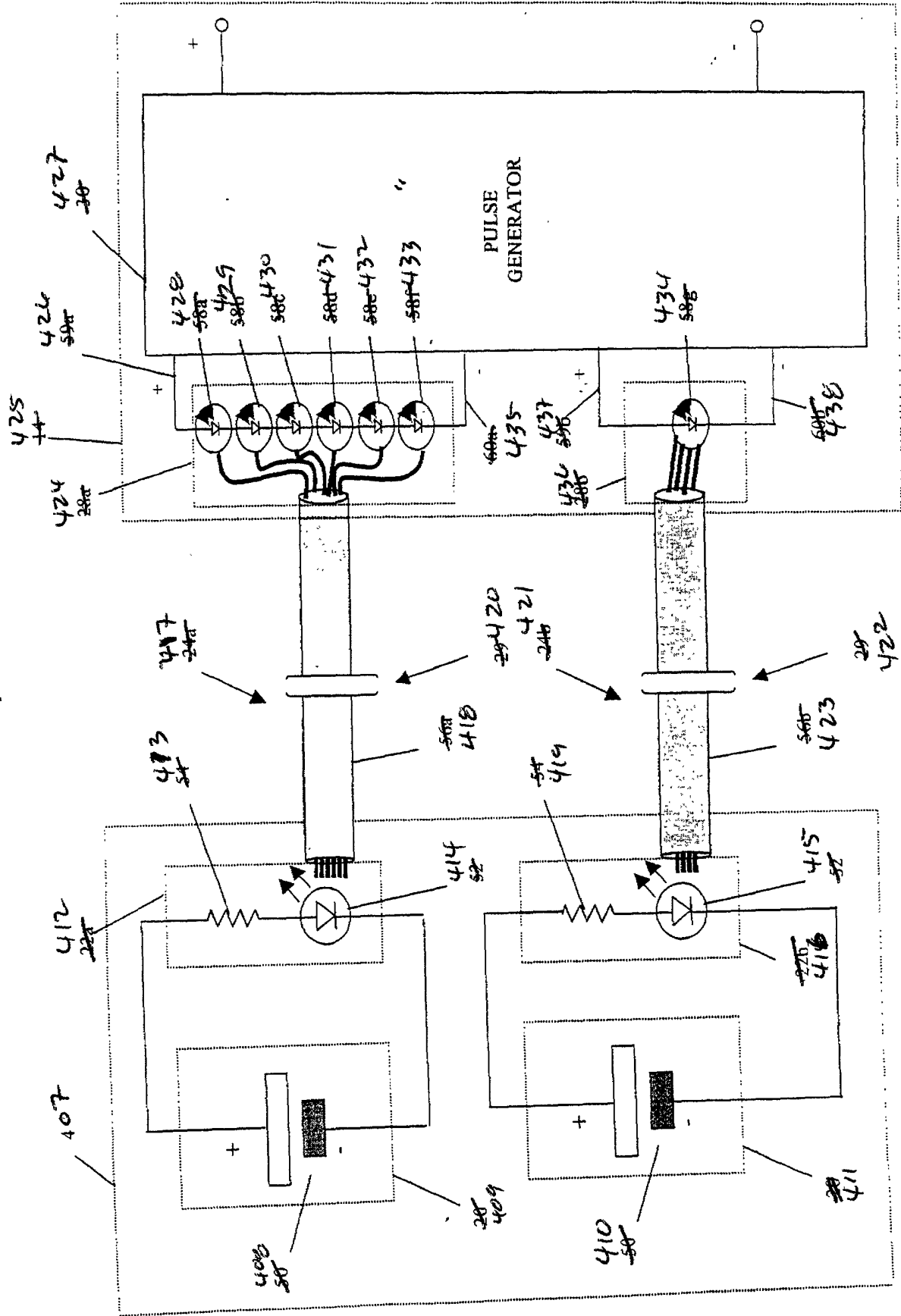
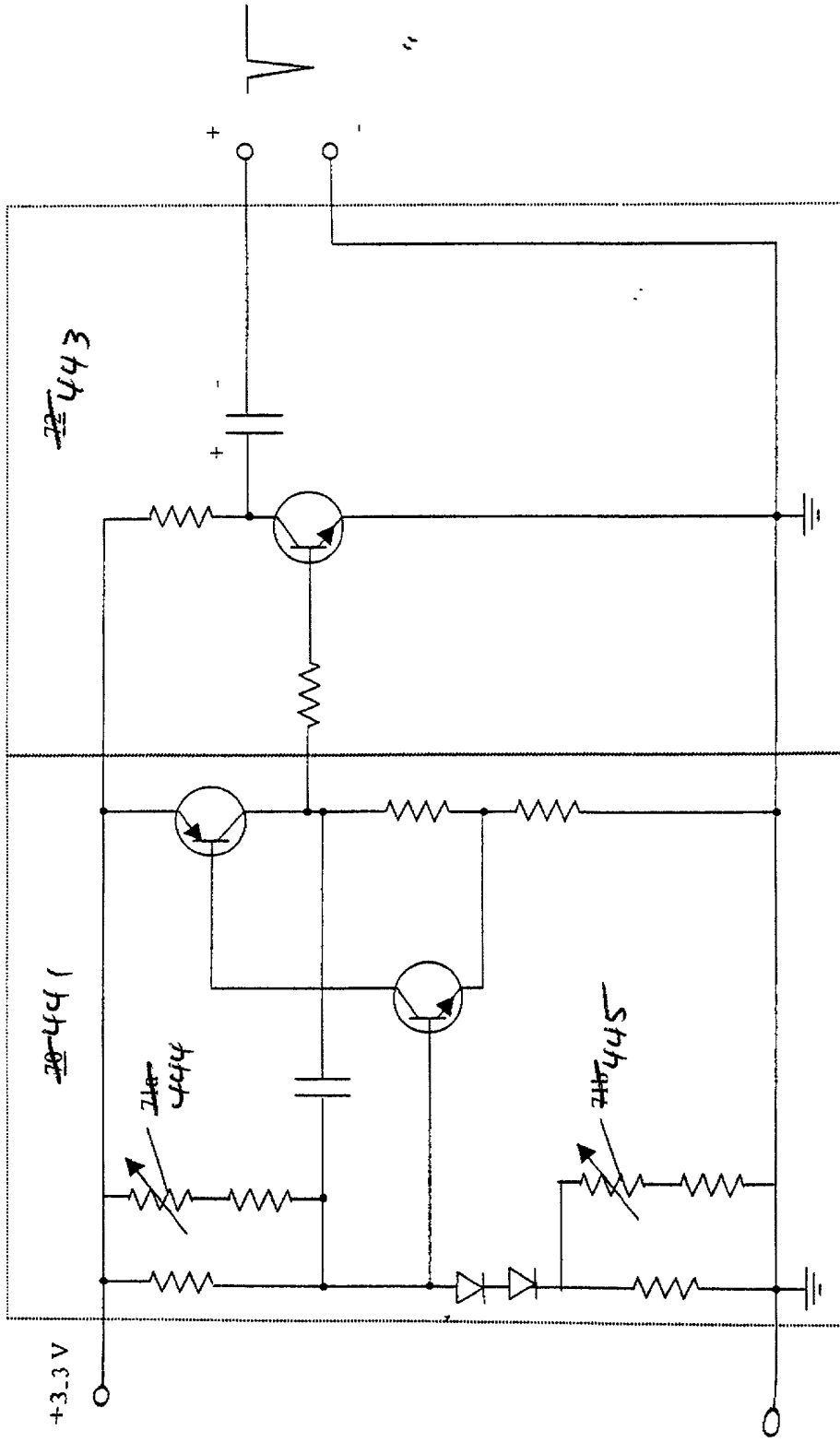


FIG. 348

206720-2443

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20-439

FIG. 449

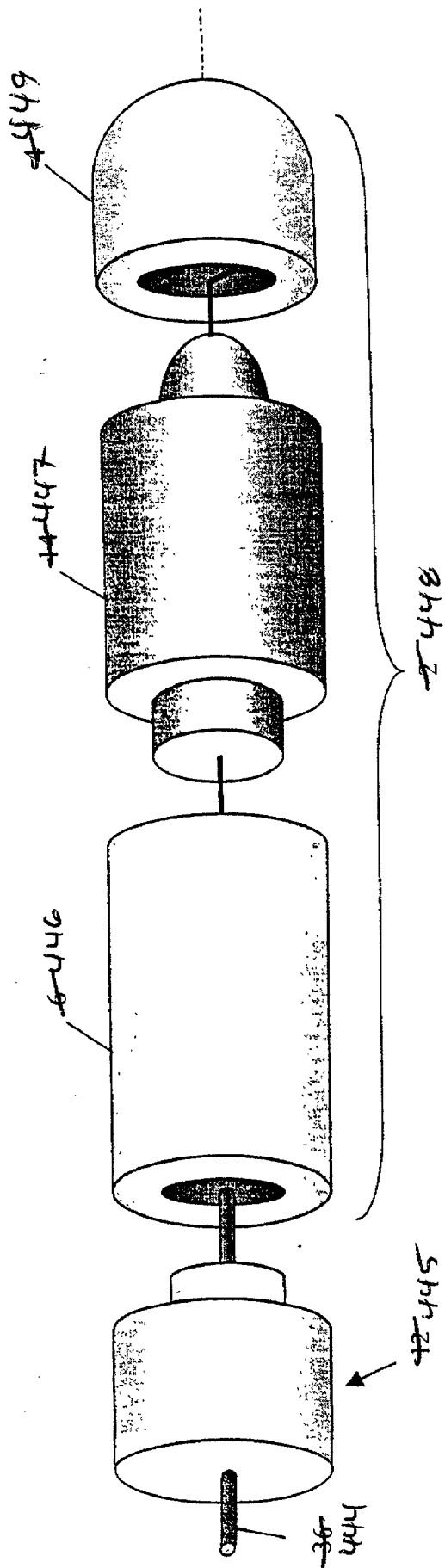


FIG. 750

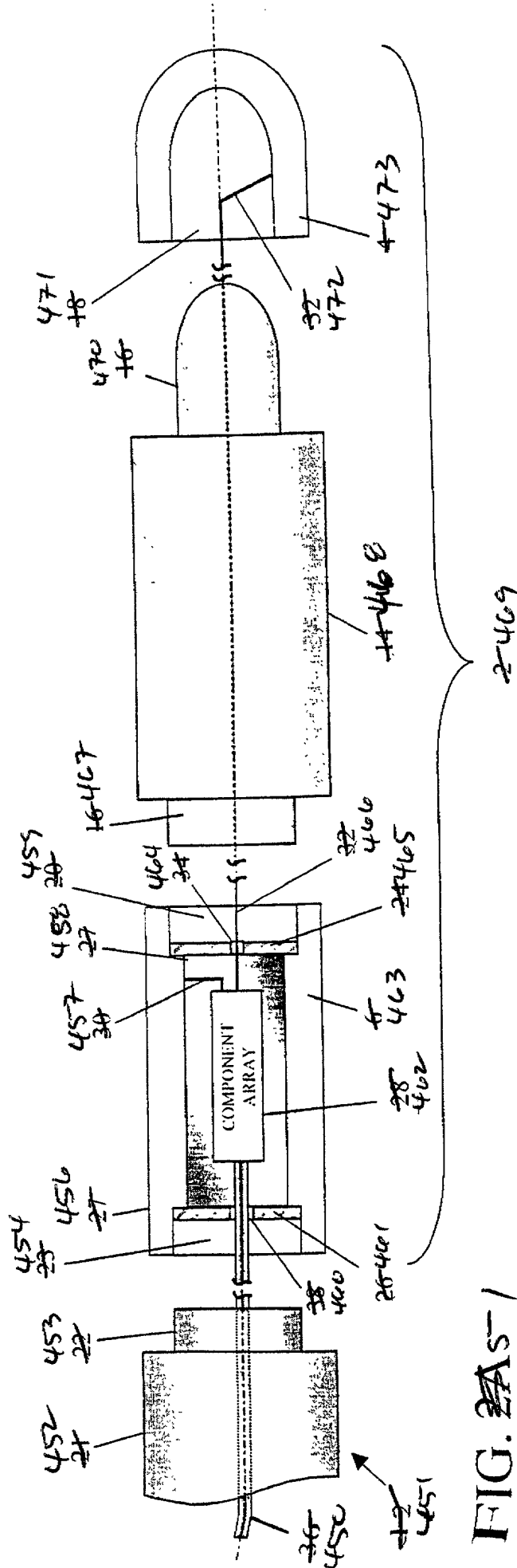


FIG. 751

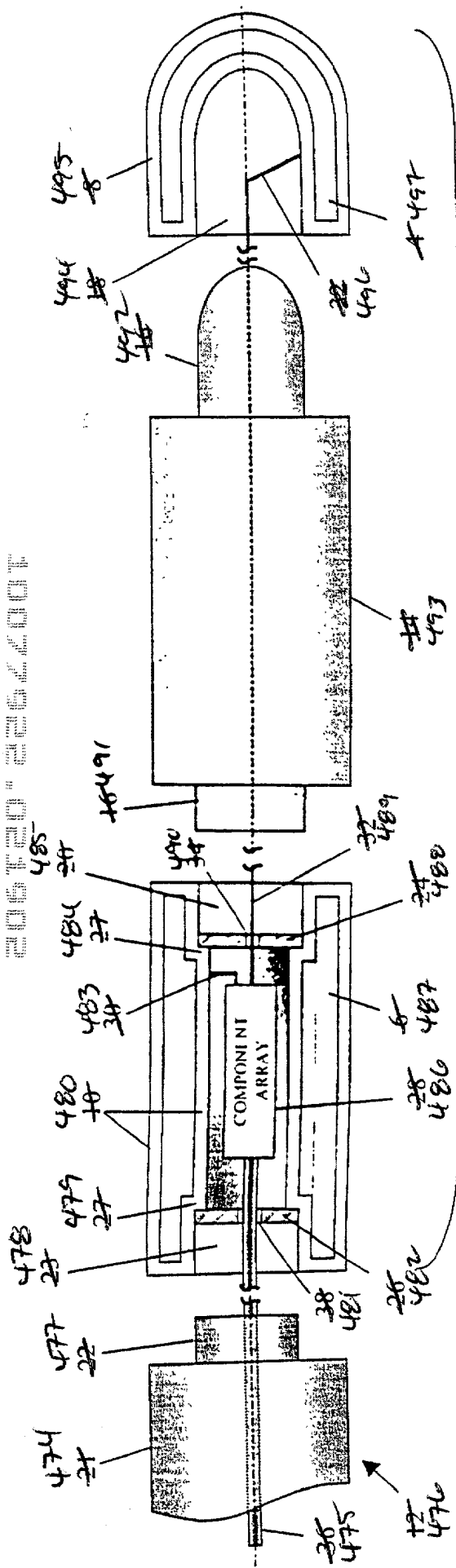


FIG. 2B 52

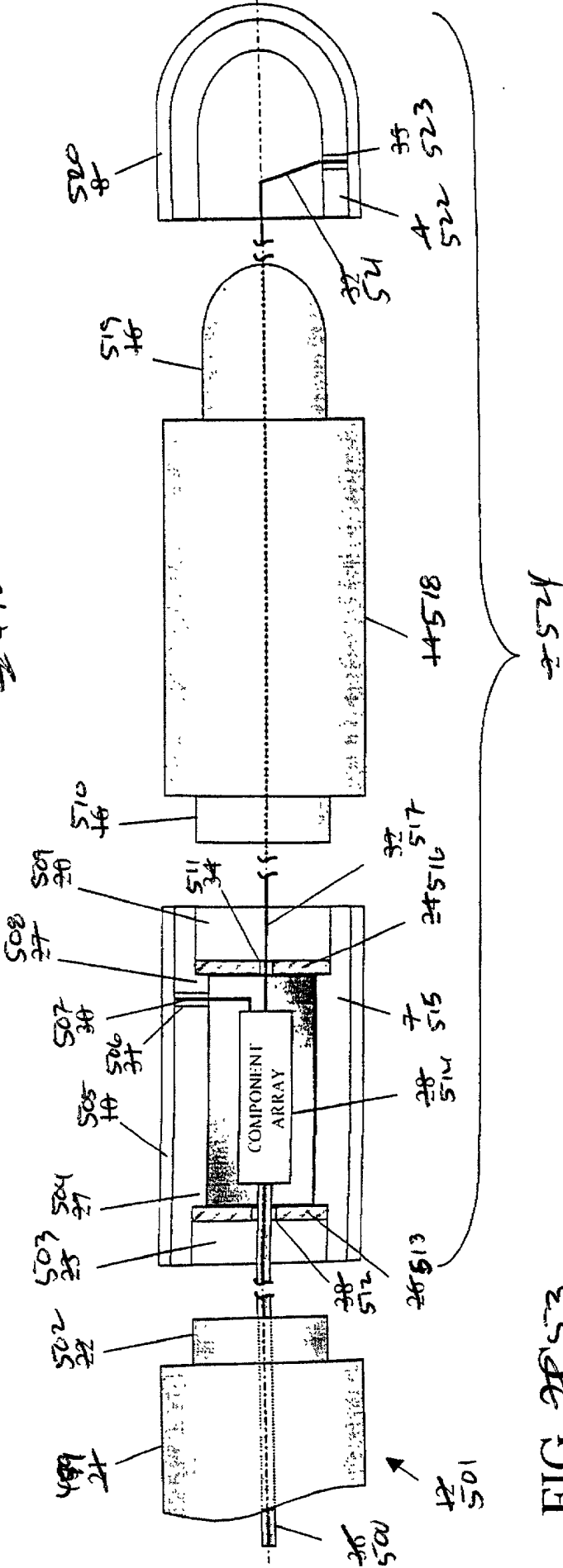


FIG. 2C 53

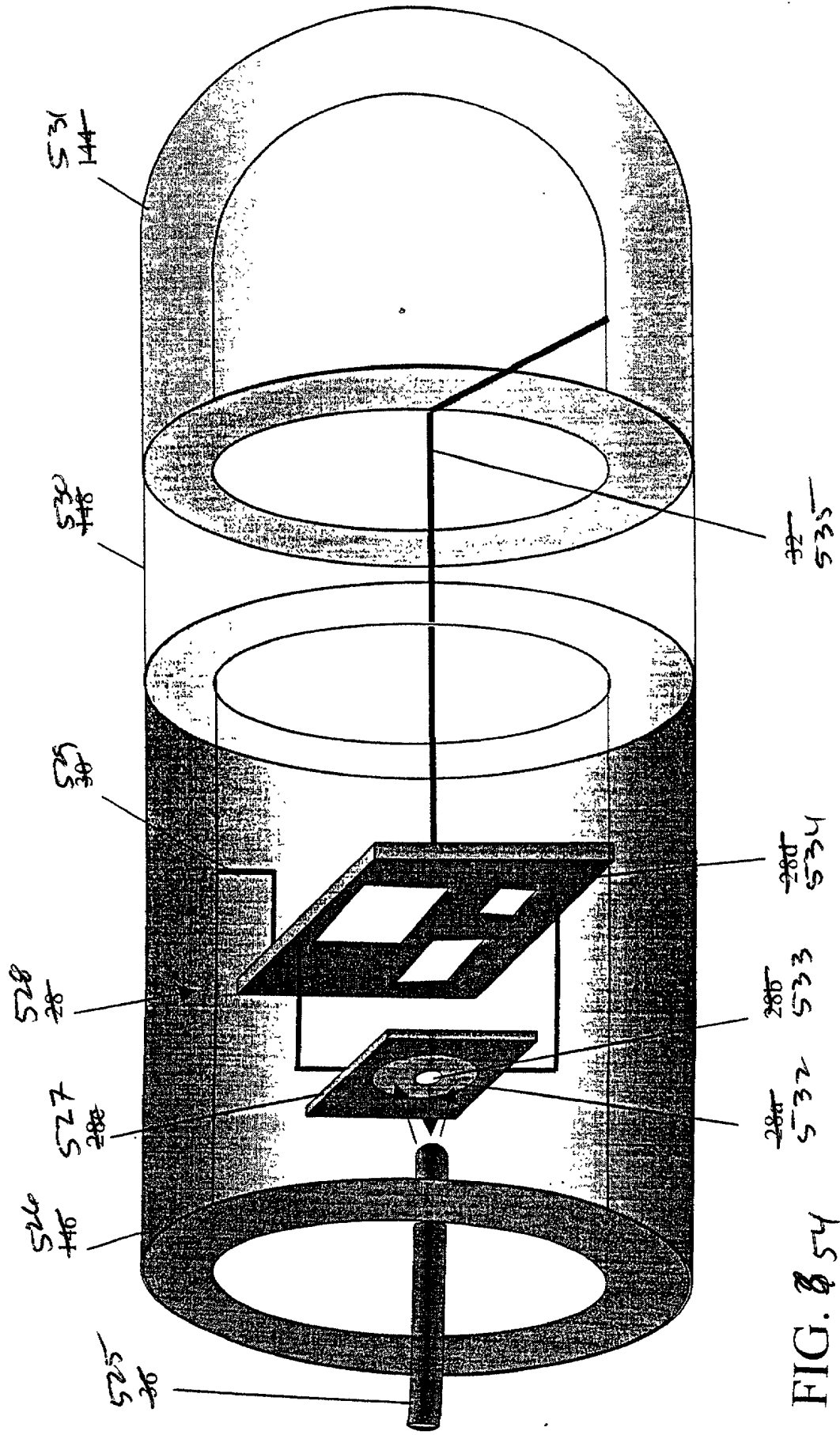


FIG. 8 54

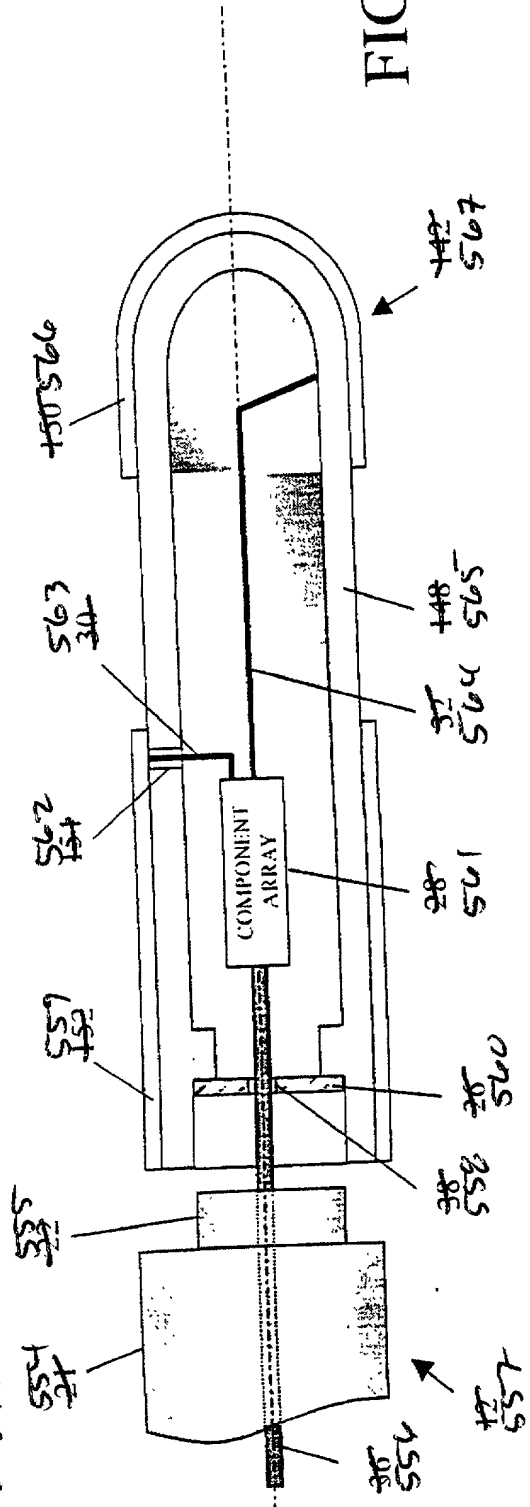
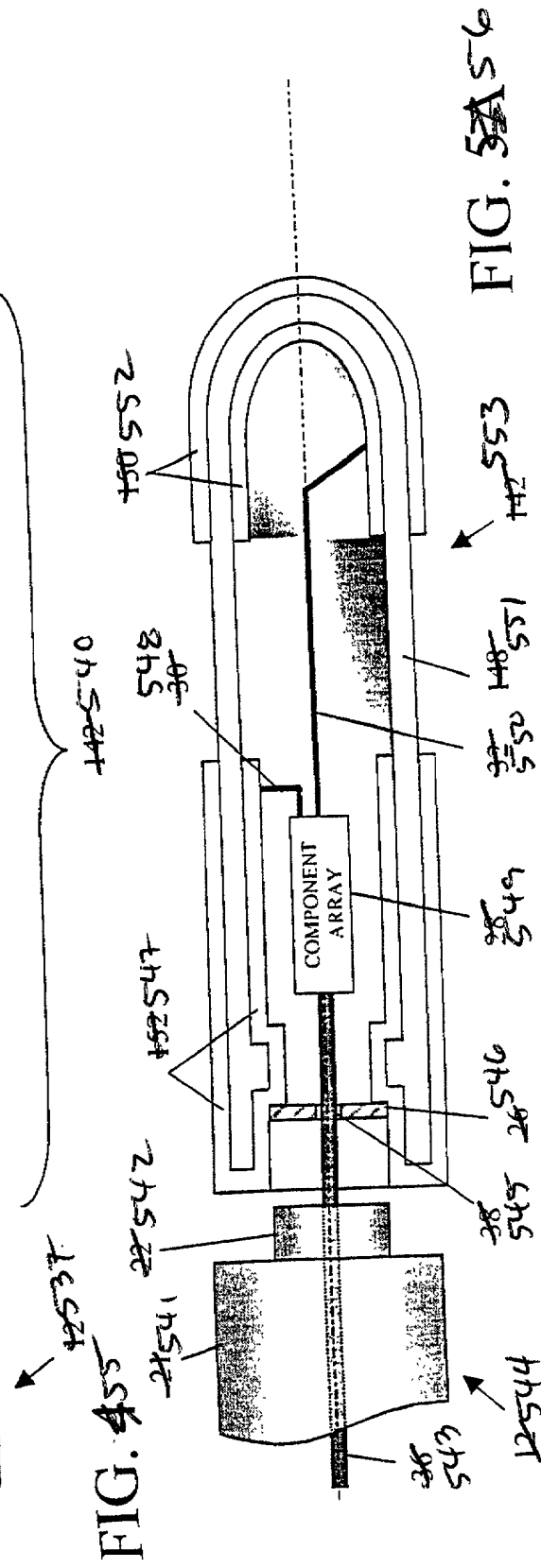
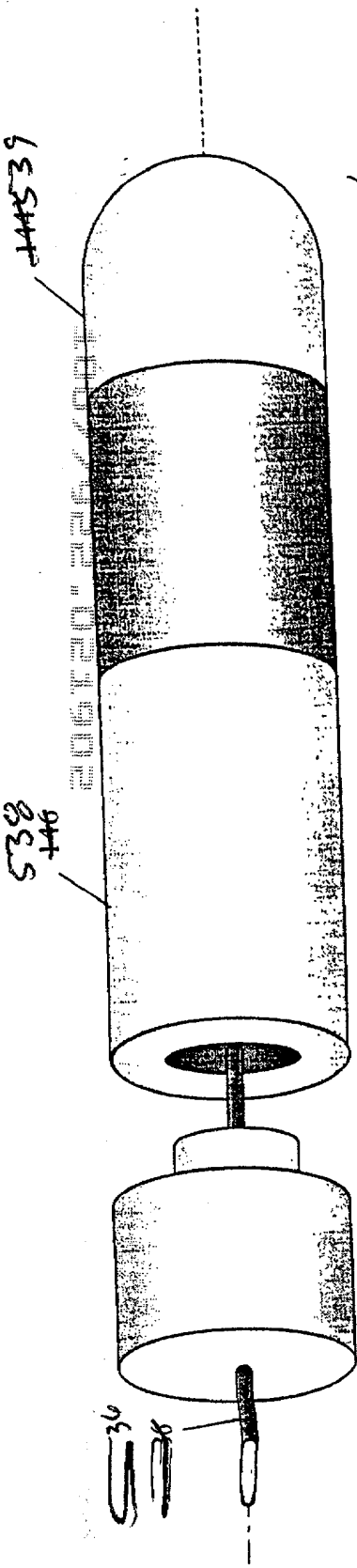


FIG. 558

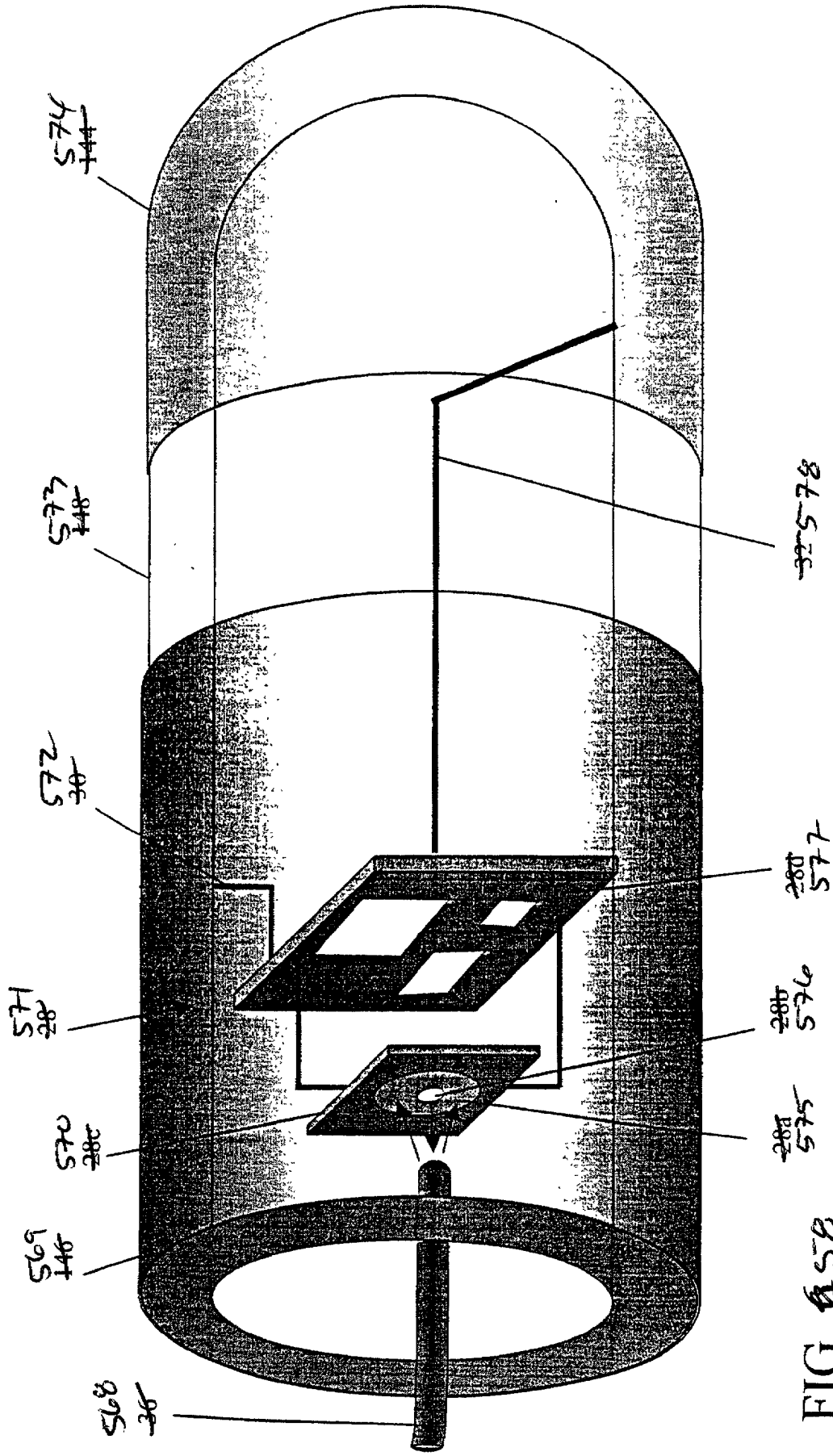
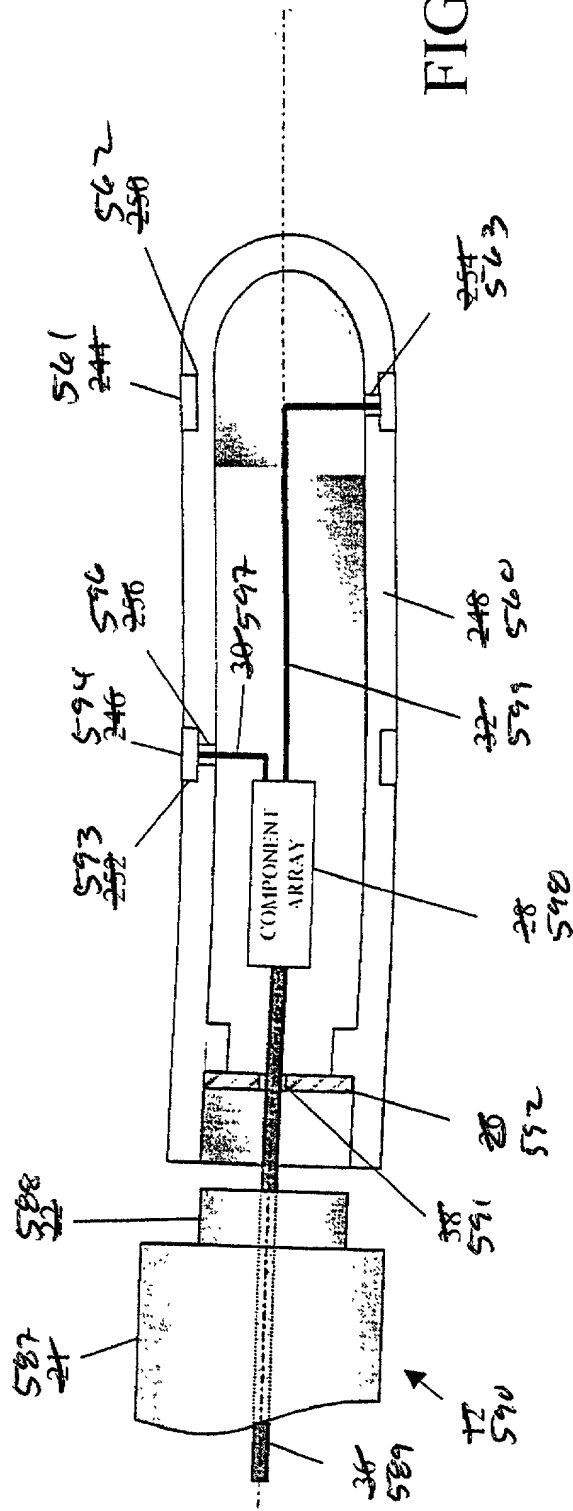
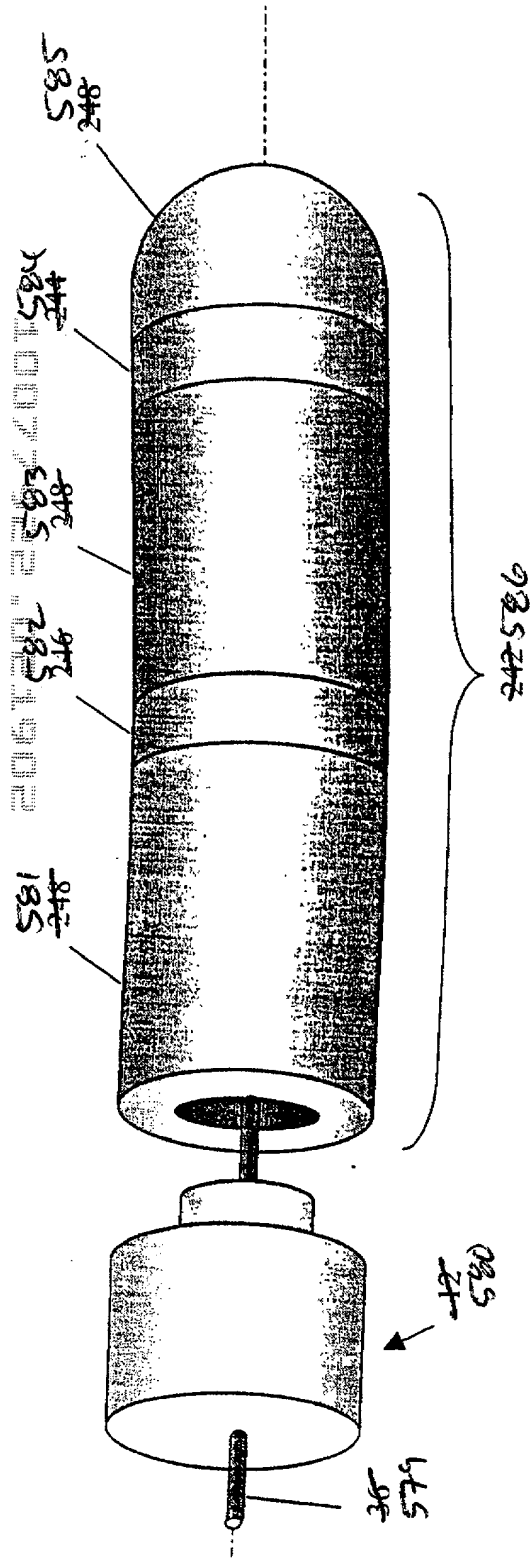


FIG. 58



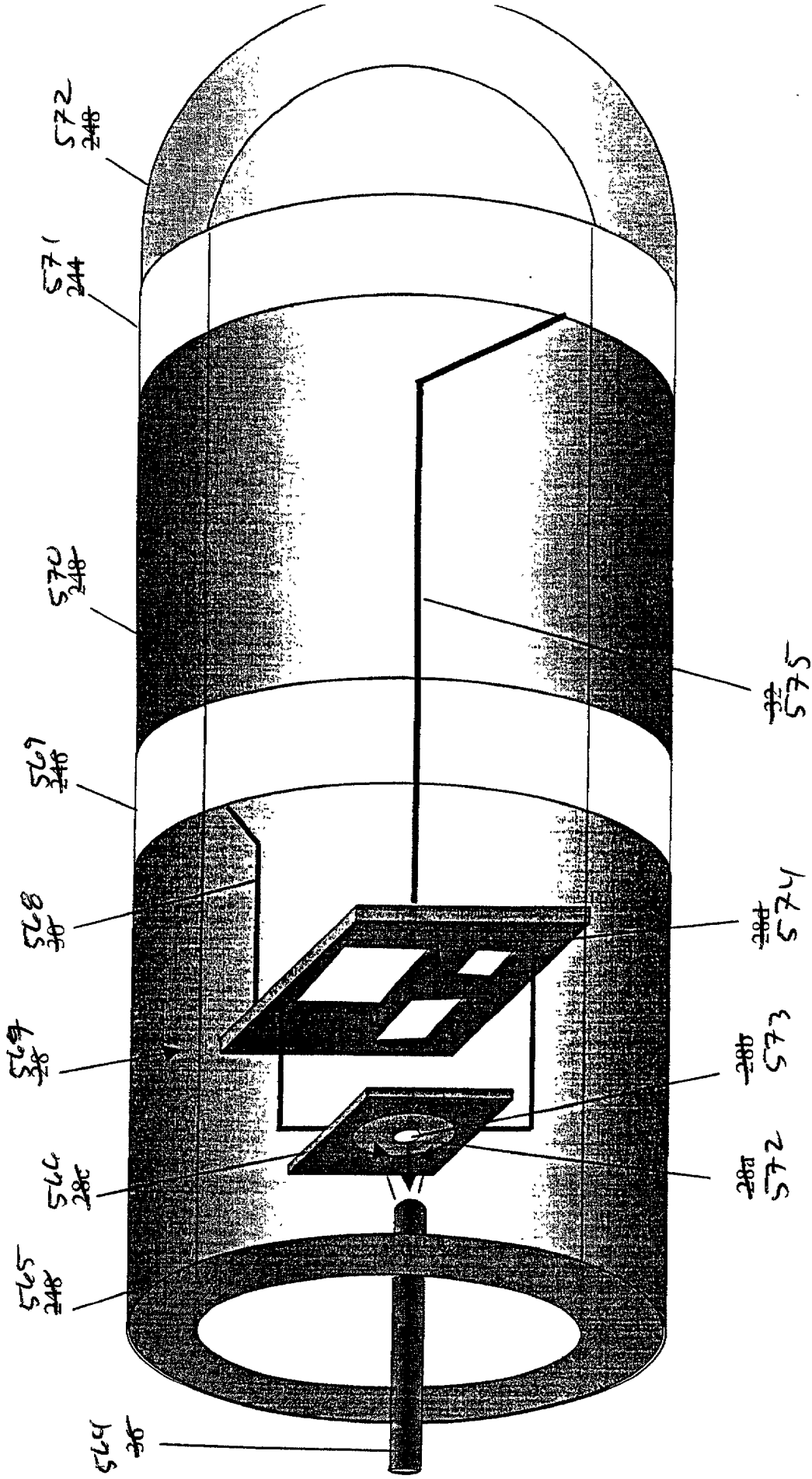


FIG. 861

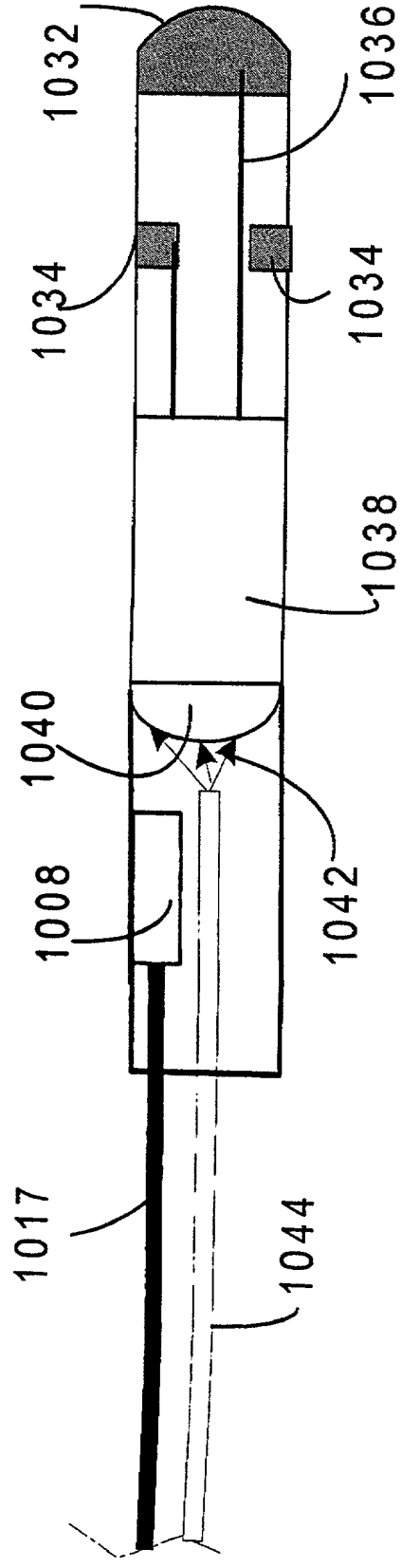


Fig. 10a62

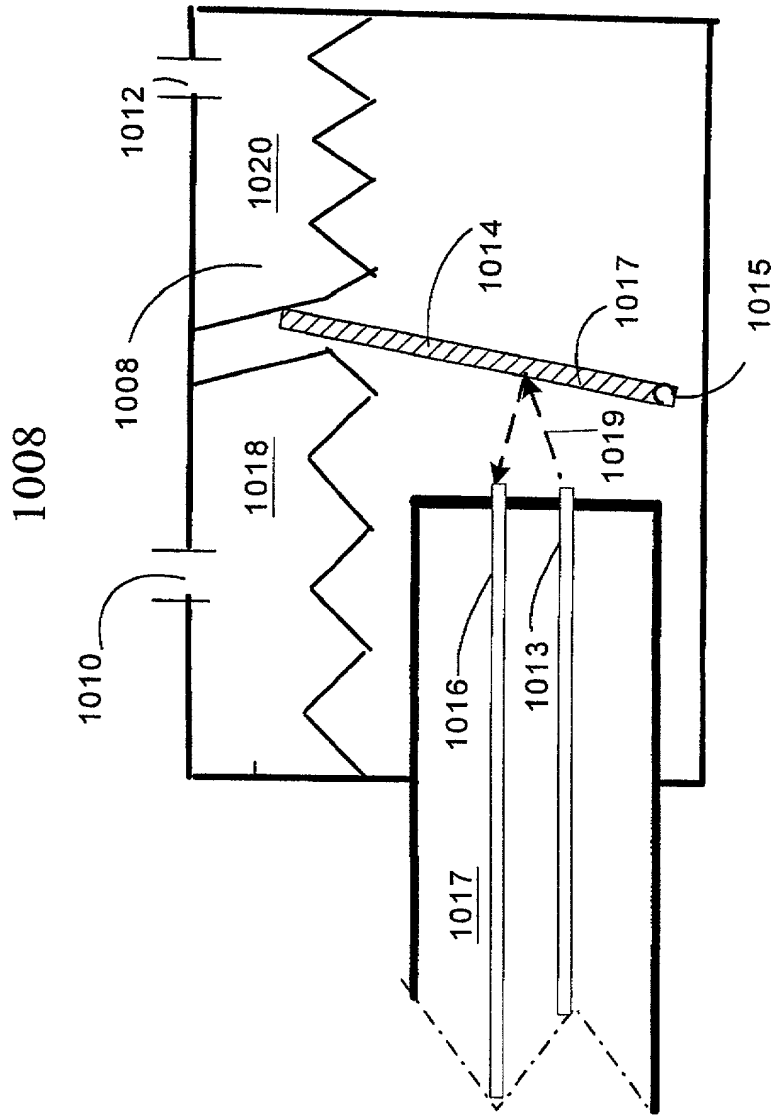
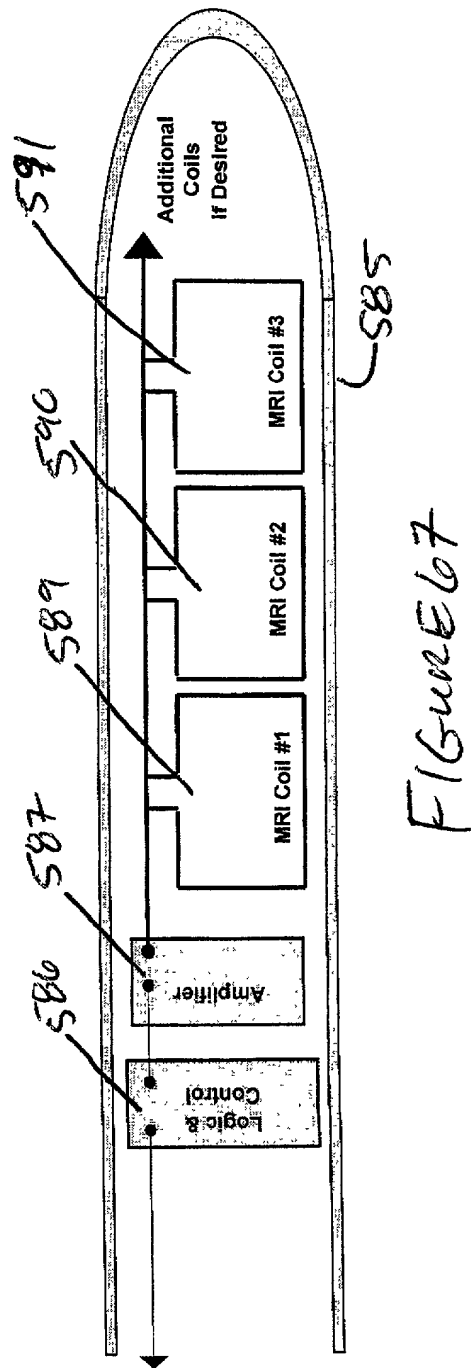
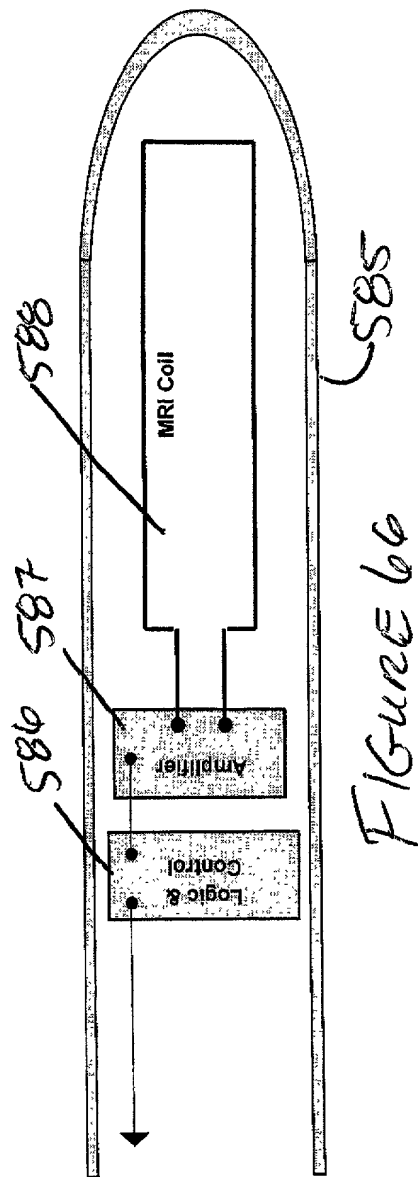


Fig. 10e₆₄



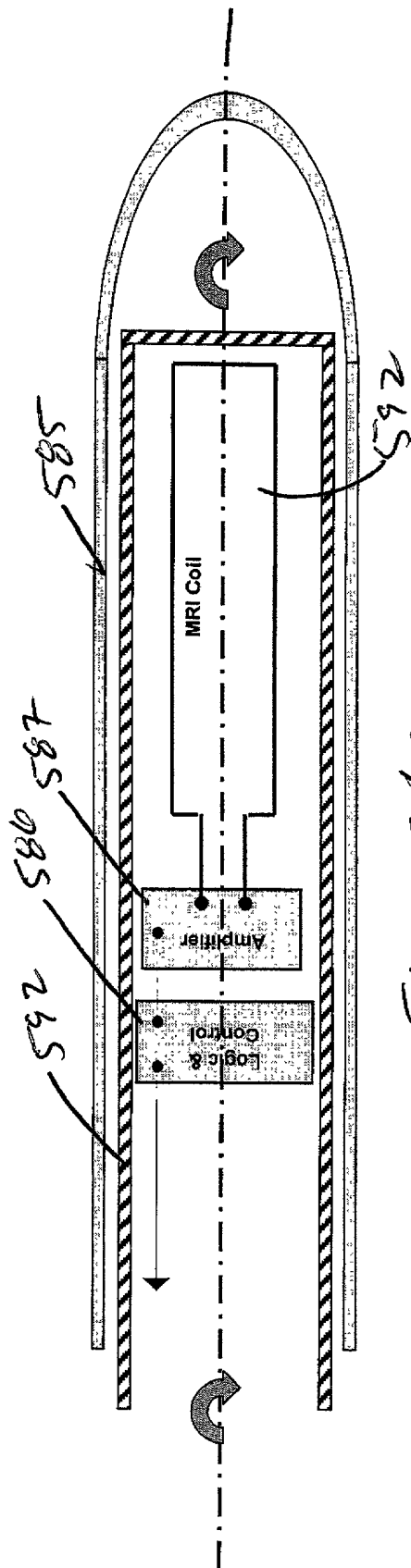


FIGURE 68

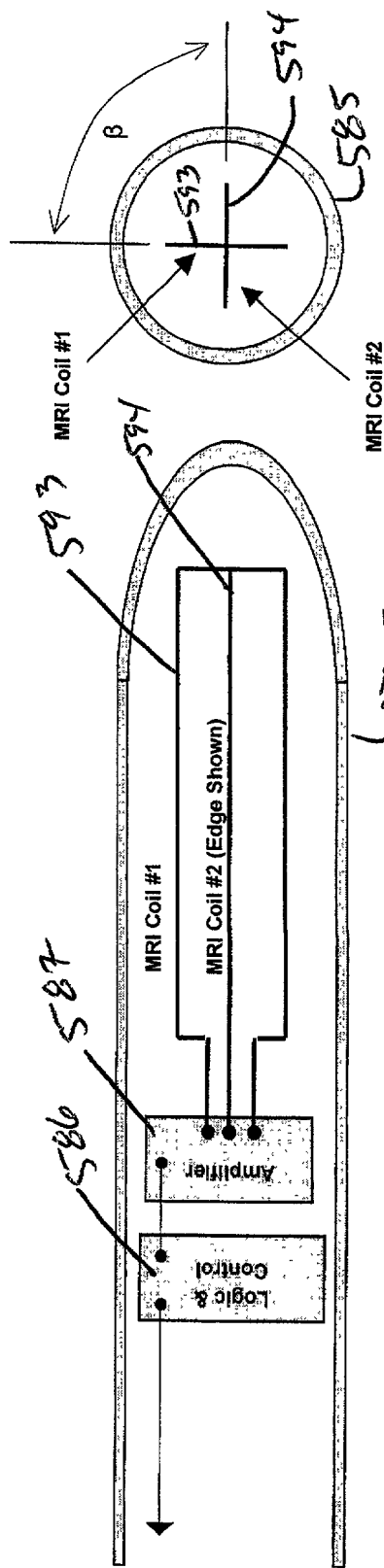


FIGURE 69

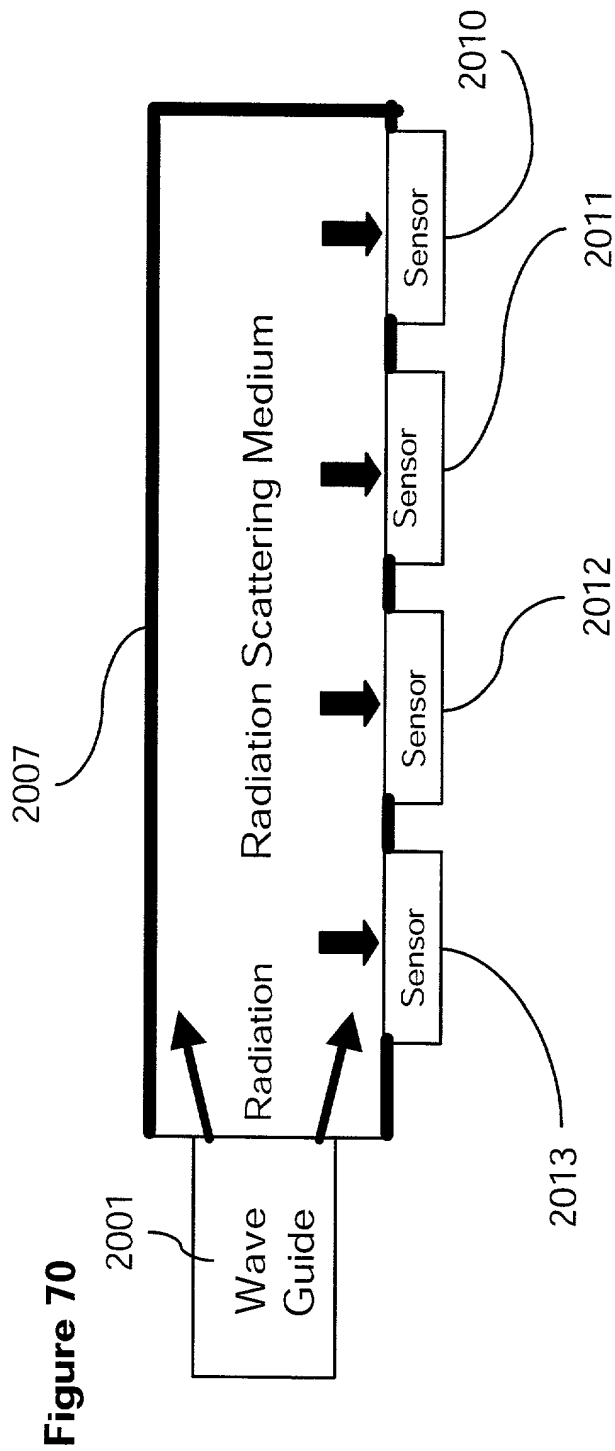


Figure 71

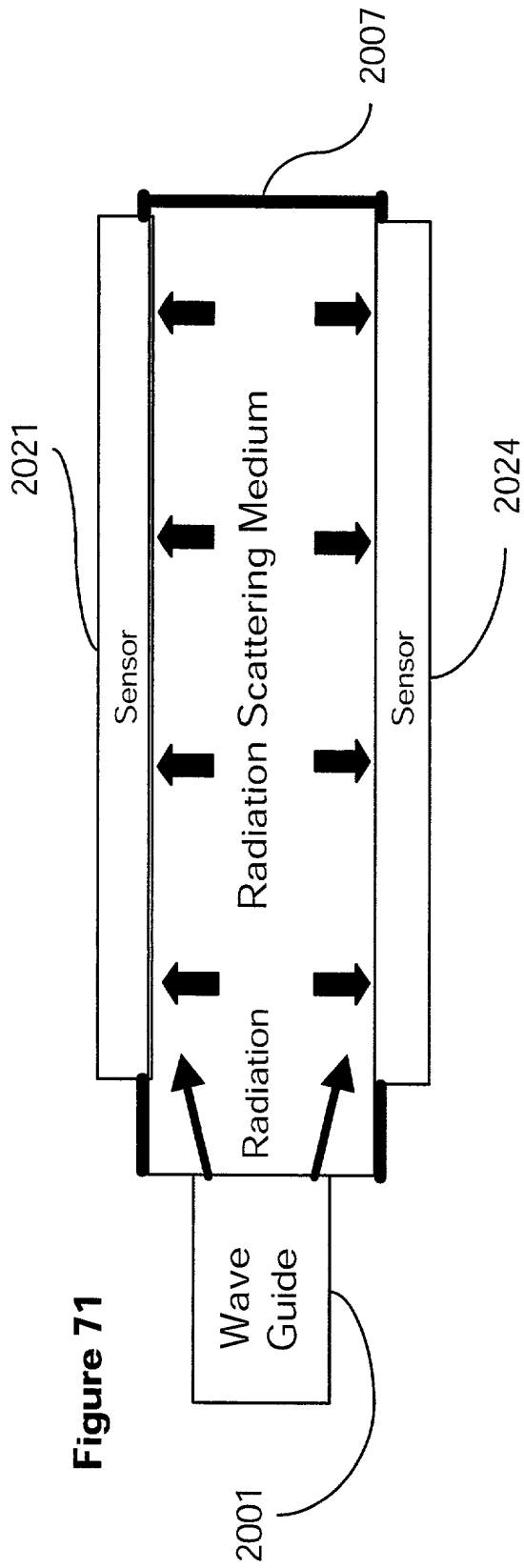


Figure 72

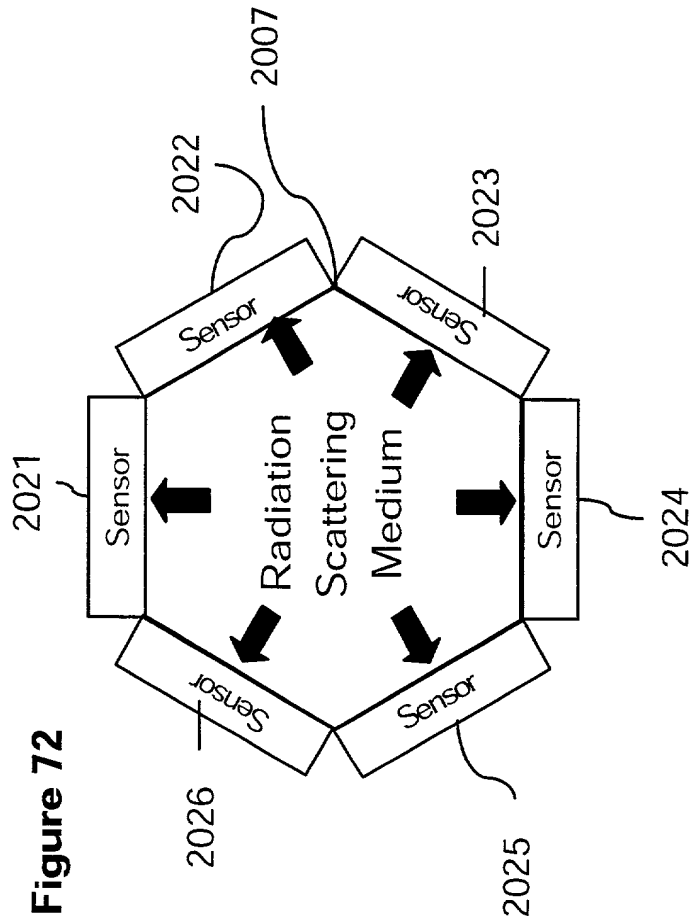


Figure 73

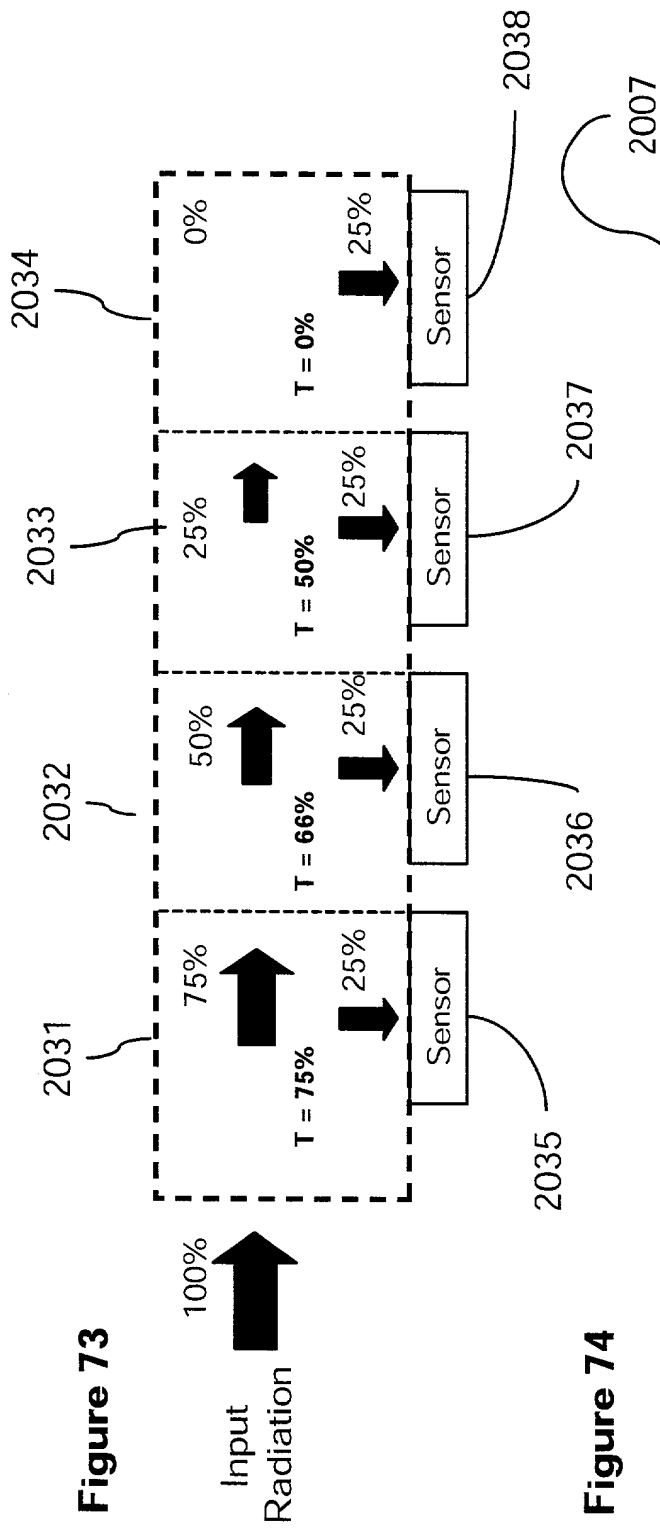
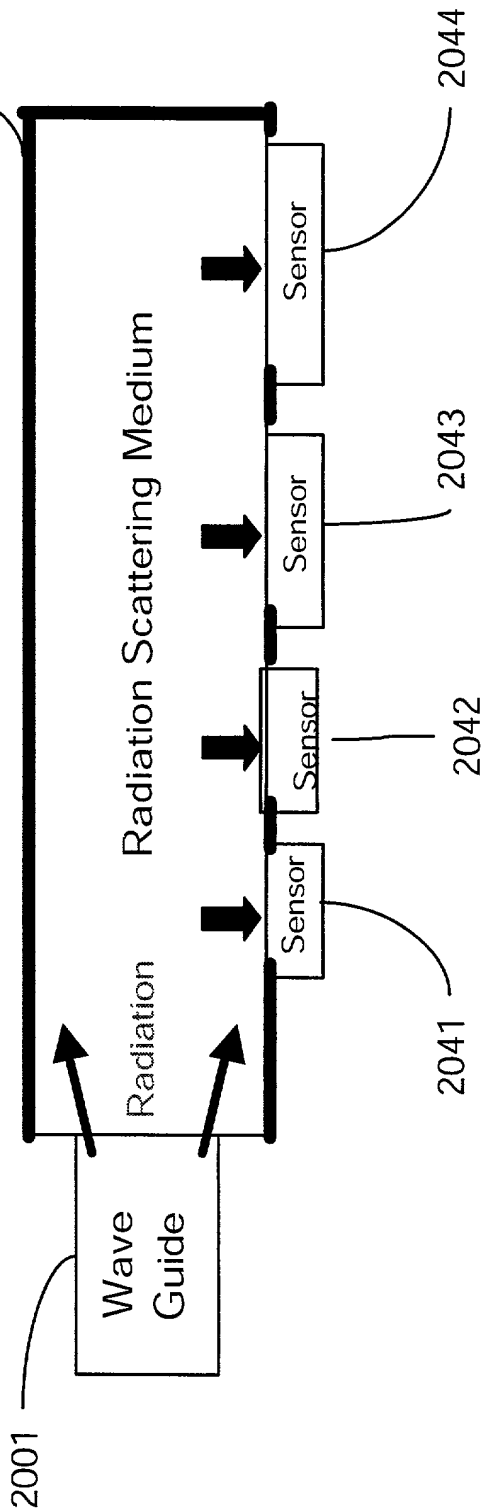


Figure 74



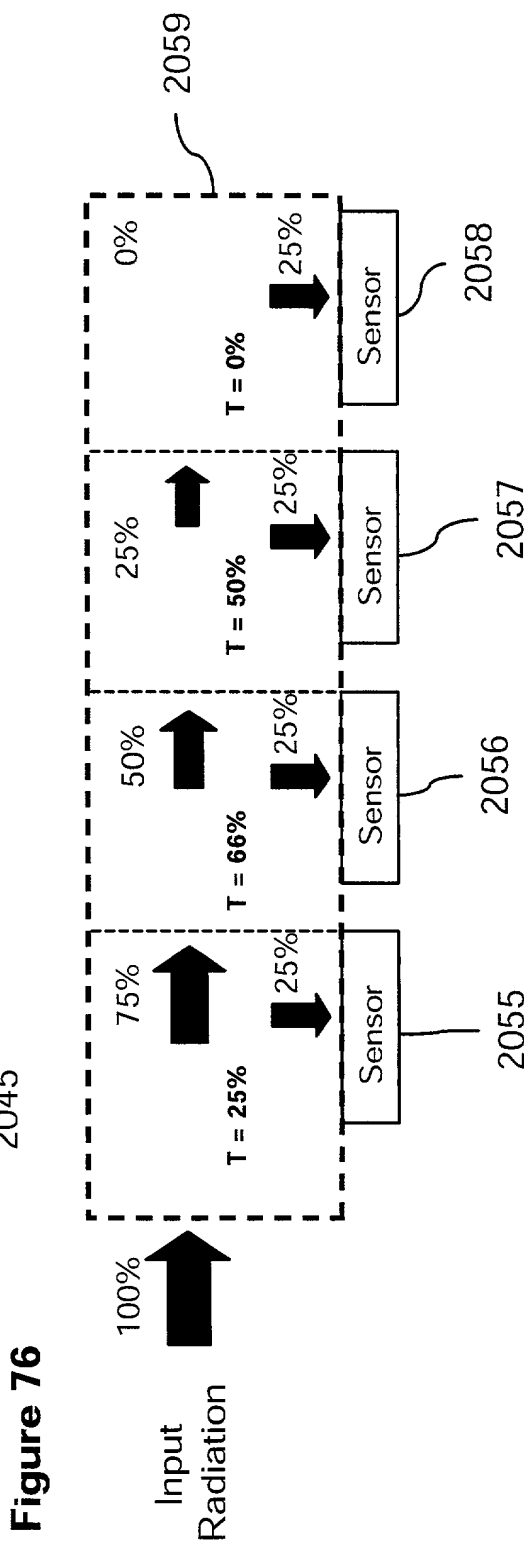
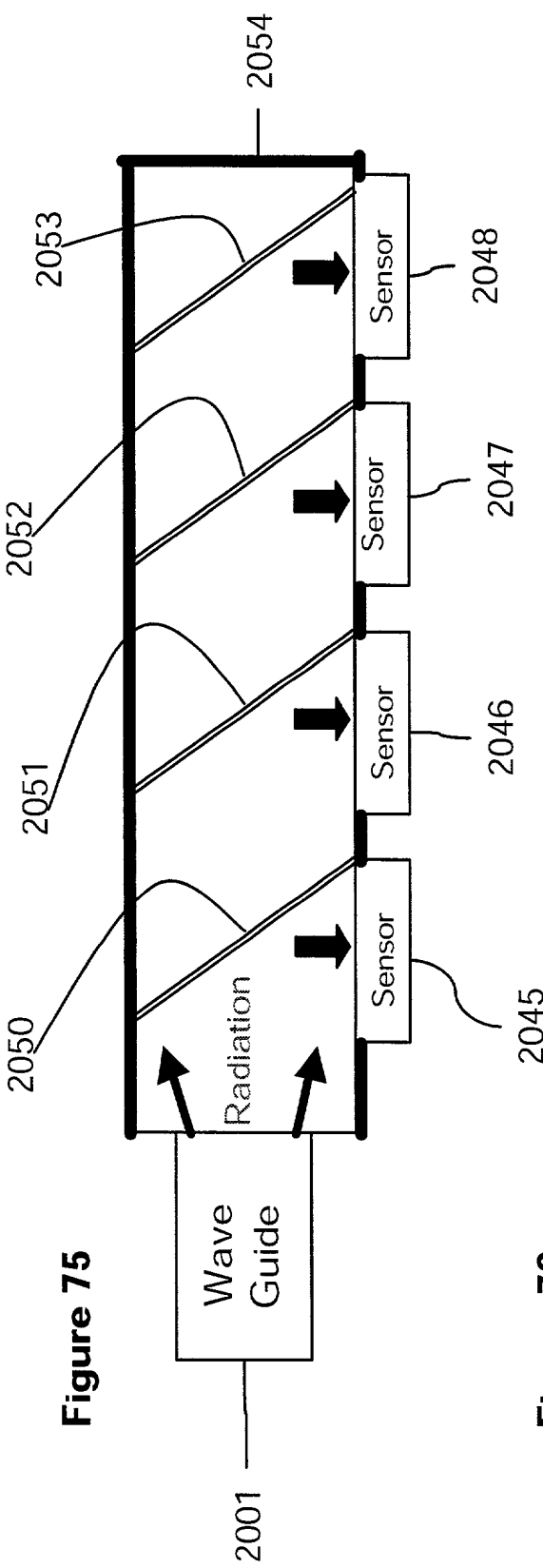


Figure 77

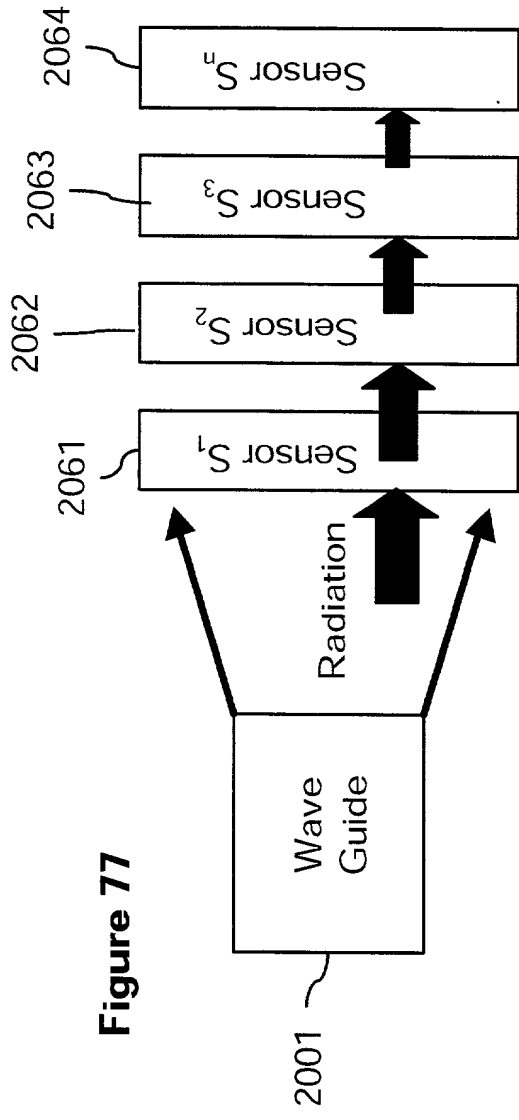


Figure 78

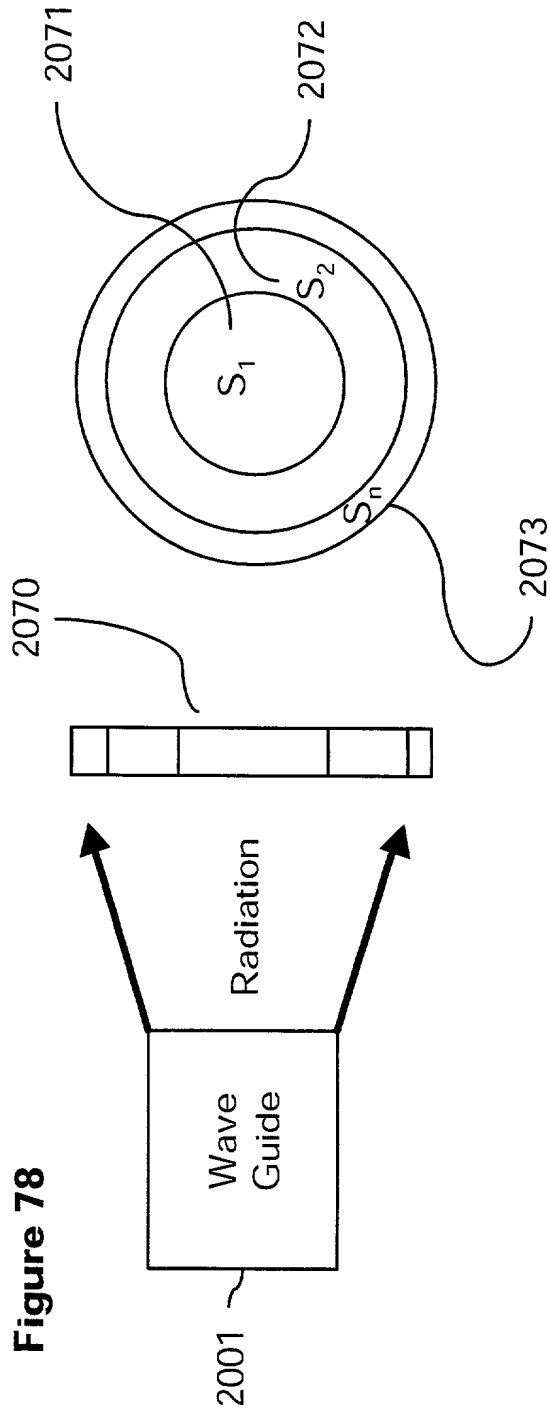
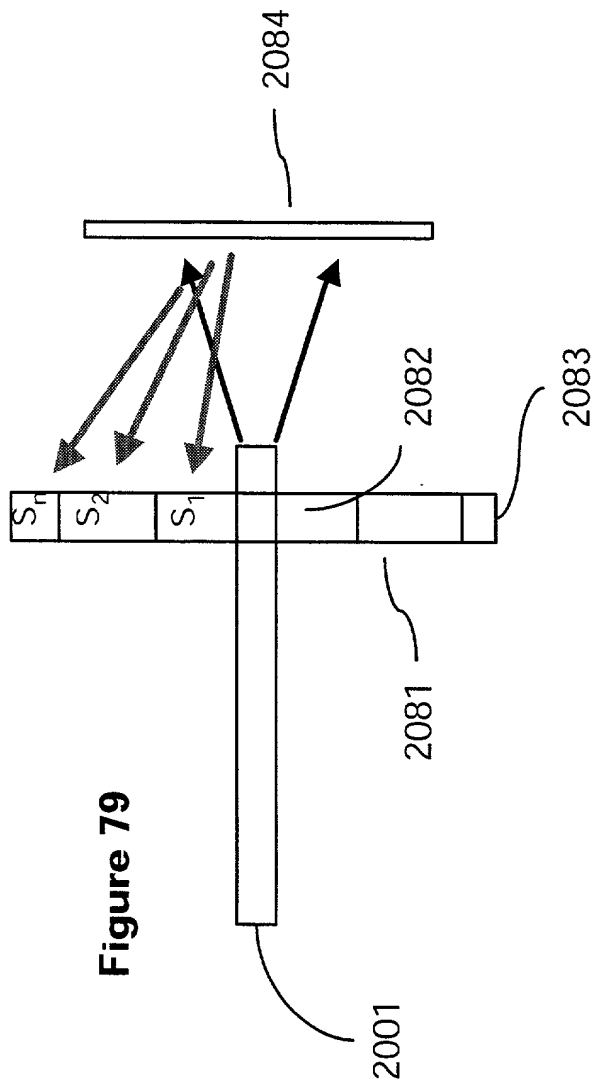


Figure 79



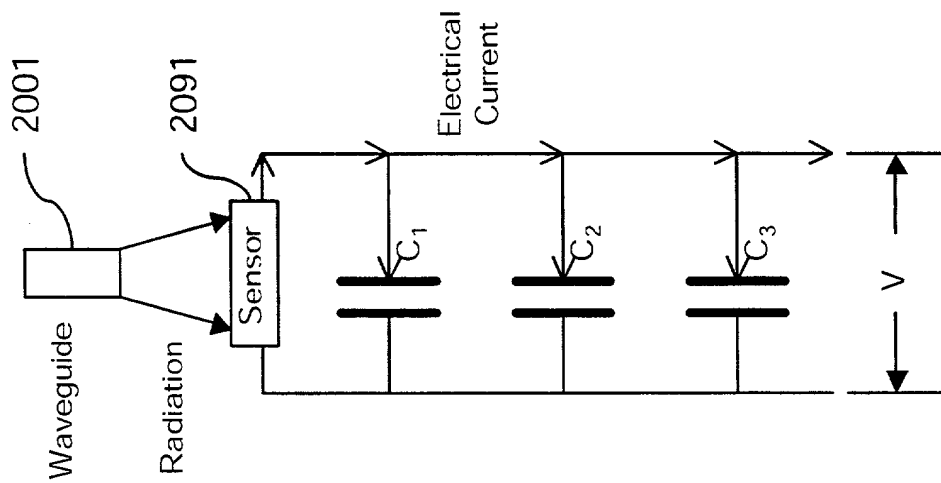


Figure 80

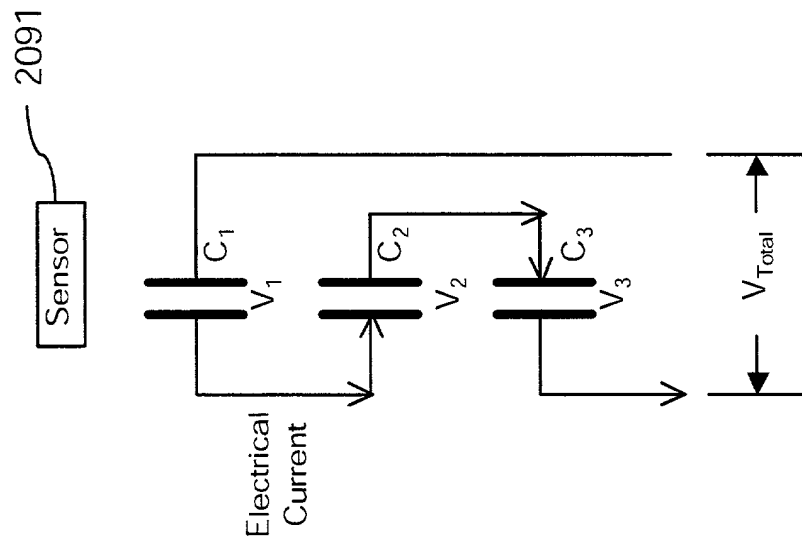


Figure 81

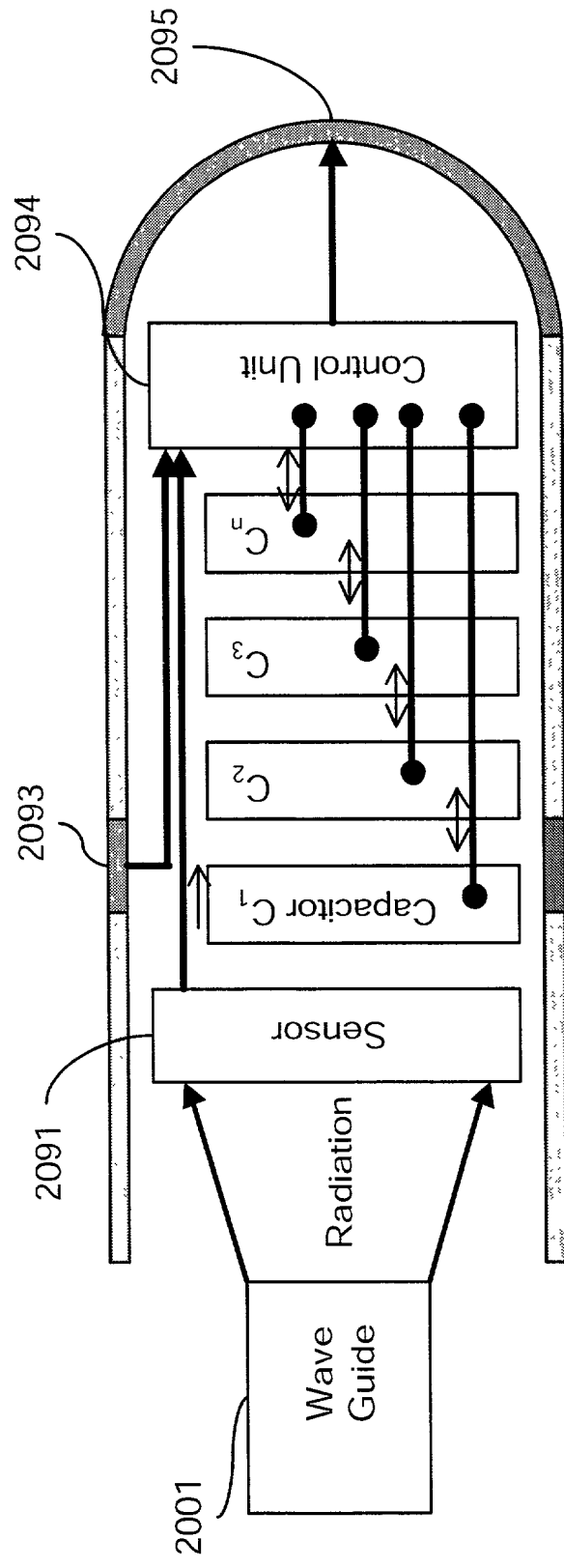


Figure 82

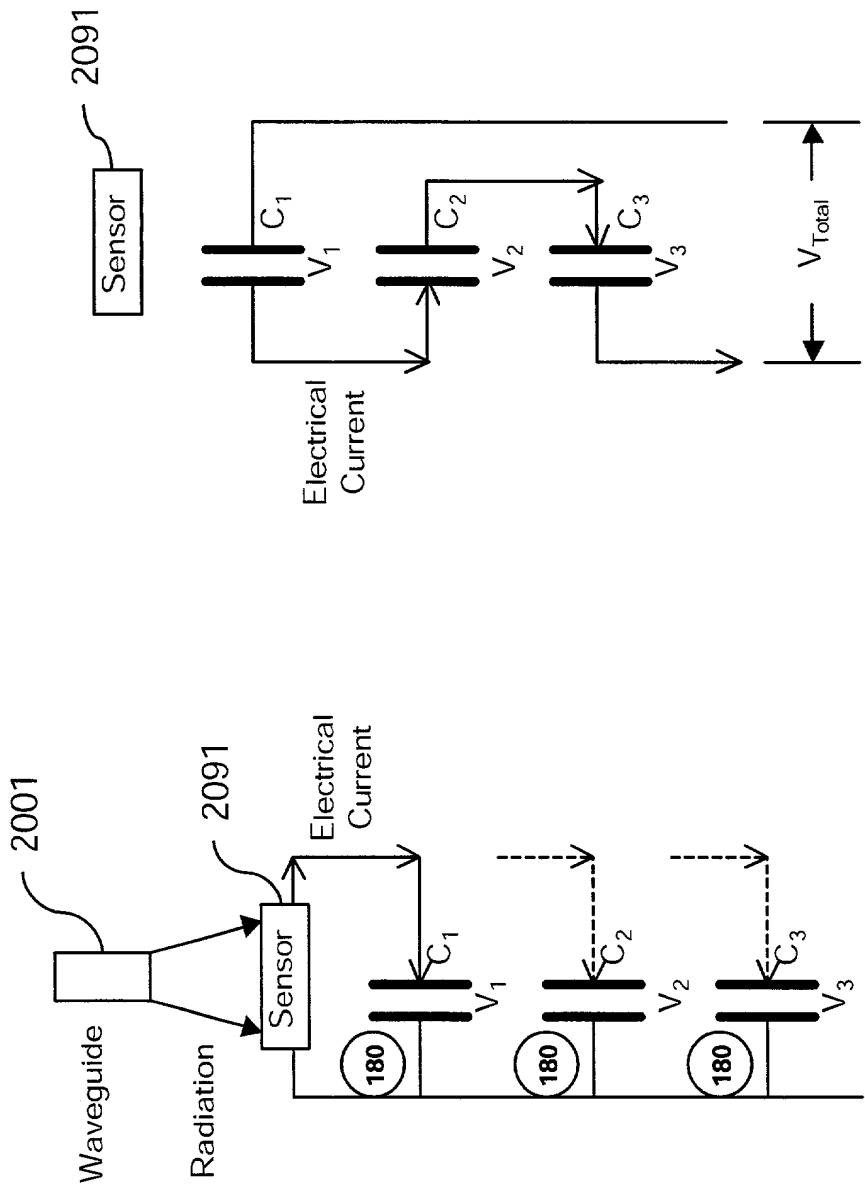


Figure 84

Figure 83

